

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		
TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		
TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		Contact: Jan Nelson E-Mail: jan.nelson@questar.com
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		Telephone number Phone 435-781-4331 Fax 435-781-4323
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 1792' FNL 2026' FWL, SENW, SECTION 6, T9S, R24E At proposed production zone 648539 X 4436420 Y 40.06685 109.25824		
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 38 + / - SOUTHEAST OF VERNAL, UTAH		12. COUNTY OR PARISH Uintah
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 1792' + / -		13. STATE UT
16. NO. OF ACRES IN LEASE 1239.79		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft		20. BLM/BIA Bond No. on file ESB000024
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5083.0' GR		23. Estimated duration 10 days
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan ( if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED

*Jan Nelson*

Name (printed/typed) Jan Nelson

DATE 11-17-05

TITLE

Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO.

43-047-37413

APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

*Bradley G. Hill*

TITLE

BRADLEY G. HILL  
ENVIRONMENTAL SCIENTIST III

\*See Instructions On Reverse Side

The 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction

Federal Approval of this  
Action is Necessary

RECEIVED

NOV 21 2005

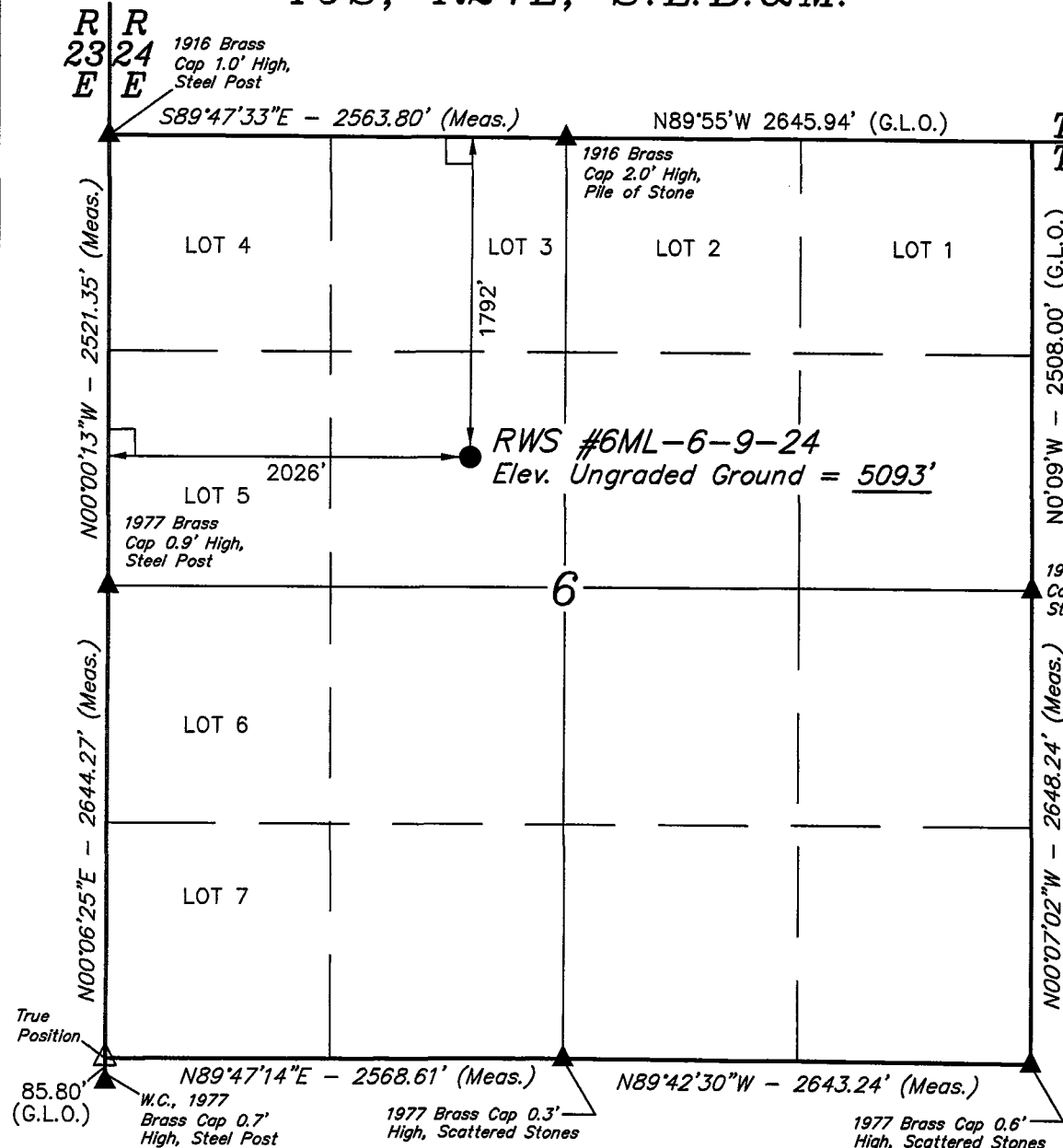
DIV. OF OIL, GAS & MINING  
DATE 12-05-05

CONFIDENTIAL

T9S, R24E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, RWS #6ML-6-9-24, located as shown in the SE 1/4 NW 1/4 of Section 6, T9S, R24E, S.L.B.&M. Uintah County, Utah.

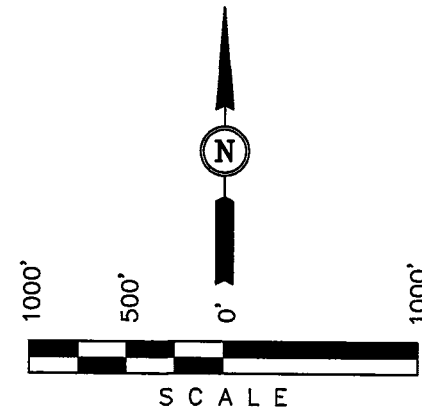


### BASIS OF ELEVATION

BENCH MARK 45EAM LOCATED IN THE NW 1/4 SW 1/4 OF SECTION 6, T9S, R24E, S.L.B.&M. TAKEN FROM THE BONANZA, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5350 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = TRUE POSITION

(AUTONOMOUS NAD 83)

LATITUDE = 40°04'01.18" (40.066994)

LONGITUDE = 109°15'31.54" (109.258761)

(AUTONOMOUS NAD 27)

LATITUDE = 40°04'01.30" (40.067028)

LONGITUDE = 109°15'29.11" (109.258086)

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-05-05	DATE DRAWN: 10-07-05
PARTY D.A. C.R. L.K.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLR. & PROD.	

## **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 9000' to test the MesaVerde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 24 East.

See attached Onshore No. 1

See attached notice of intent to complete into multiple pools.

Please be advised that QEP Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

## NOTICE OF INTENT TO COMPLETE INTO MULTIPLE POOLS

RWS 6ML-6-9-24

In compliance with the stated objectives of section R649-3-22 of the Utah Administrative Code and the Utah Oil and Gas Conservation Act, Questar Exploration and Production Company hereby requests the commingling of production between intervals in the RWS 6ML-6-9-24. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the two gas streams.

Questar requests approval for the commingling between the Mesa Verde and Wasatch intervals. As the well is not in a Unit PA and the ownership is the same between formations, production will be reported as combined Mesa Verde / Wasatch production.

This well will be completed using multiple stage hydraulic fracturing. Bridge plugs will be used to isolate completion intervals during fracturing operations and will be drilled up prior to putting the well on production. Mesa Verde and Wasatch intervals will be fractured separately, except where they occur too close together to make isolation unfeasible.

A plat of all contiguous owners will follow along with an affidavit stating that all contiguous owners have been notified and given a 15 day objection period.

I hereby certify that the foregoing is true and correct

A handwritten signature in black ink, appearing to read "Mike Stahl", written in a cursive style.

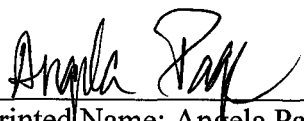
Mike Stahl  
Completion Engineer  
Questar Exploration & Production

# AFFIDAVIT OF NOTICE

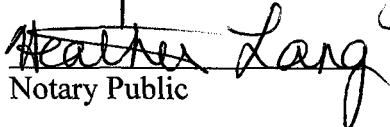
STATE OF COLORADO     )  
COUNTY OF DENVER     )     ss:

Angela Page, being duly sworn, deposes and says:

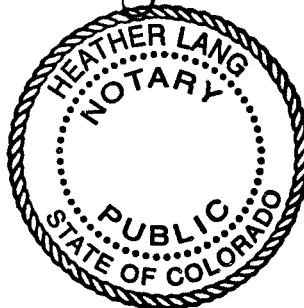
1. That I am employed by Questar Market Resources in the capacity as a Landman. My business address is Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265
2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 615-3-22 I have provided a copy of Questar Market Resource's application for completion of the RWS 6ML-6-9-24 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
3. In my capacity as a Landman I am authorized to provide such notice of Questar Market Resource's application to contiguous owners and to make this affidavit on this 27<sup>th</sup> day of July, 2005.

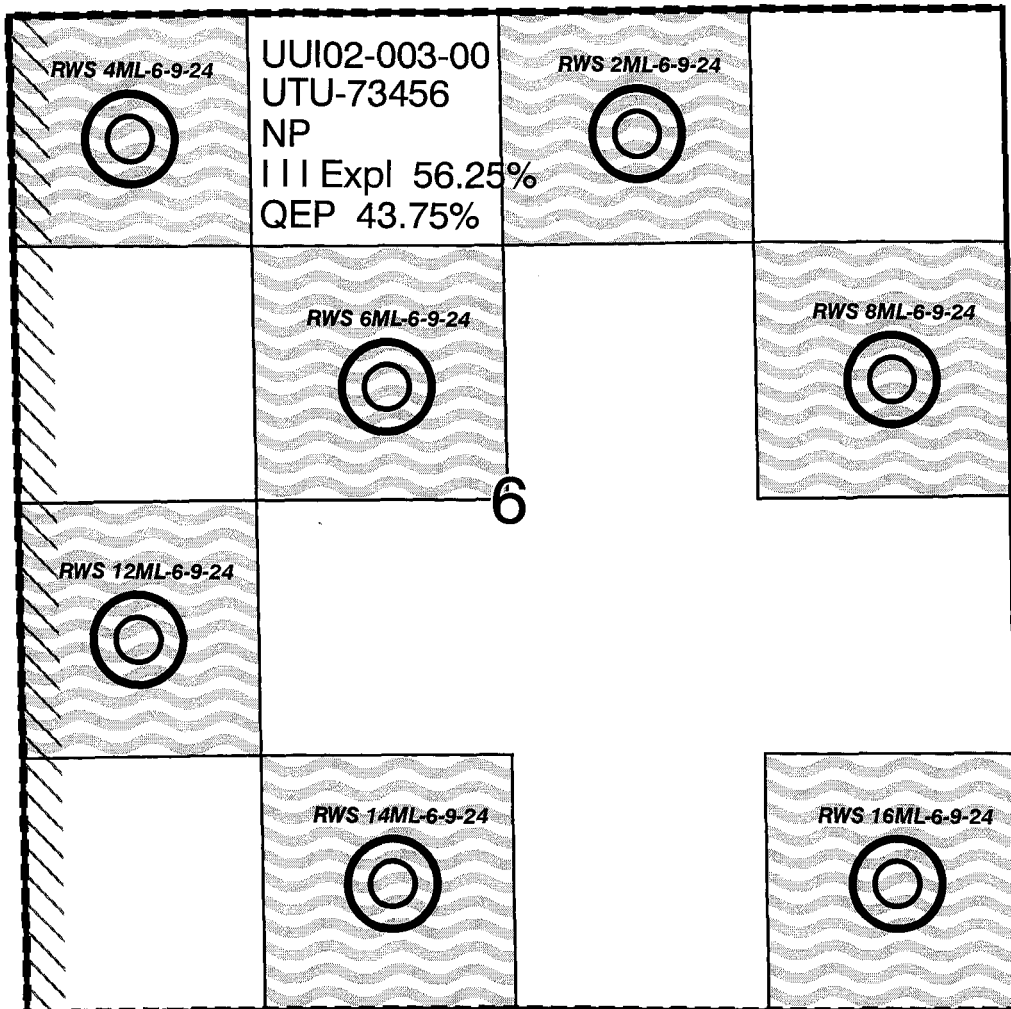
  
Printed Name: Angela Page

The foregoing instrument was sworn to and subscribed before me this 27<sup>th</sup> day of July, 2005, by Angela Page

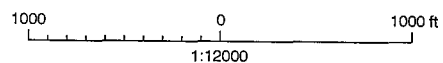
  
Notary Public

My Commission Expires 07/08/2008





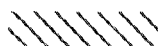
## Sec 6, T9S-R24E



40-acre pool



Commingled well



Big Valley Unit boundary

----- Lease line

### Tw / Kmv COMMINGLED PRODUCTION

Uinta Basin—Uintah County, Utah

**Wells: RWS 2ML-6-9-24,  
RWS 4ML-6-9-24, RWS 6ML-6-9-24,  
RWS 8ML-6-9-24, RWS 12ML-6-9-24,  
RWS 14ML-6-9-24, RWS 16ML-6-9-24  
Lease: UTU-73456**

**QUESTAR**  
Exploration and  
Production

Geologist: JD Herman

Engineer:

Date: August 16, 2005

Landman: Angela Page

Technician:

1050 17th St., # 500 Denver, CO 80202

05722MapelUtah mapelComm 2009060924.cdr

Qep Uinta Basin, Inc.  
RWS 6ML-6-9-24

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<b>Formation</b>	<b>Depth</b>
Uinta	Surface
Green River	1650'
Wasatch	4330'
Mesa Verde	6290'
TD	9000'

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<b>Substance</b>	<b>Formation</b>	<b>Depth</b>
Oil/Gas	Mesa Verde	9000'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3903.0 psi.

QEP UINTA BASIN, INC.  
RWS 6ML-6-9-24  
1792' FNL 2026' FWL  
SEW, SECTION 6, T9S, R24E  
UINTAH COUNTY, UTAH  
LEASE # UTU-73456

ONSHORE ORDER NO. 1

**MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the RWS 6ML-6-9-24 on November 15, 2005. Weather conditions were cold at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.

**1. Existing Roads:**

The proposed well site is approximately 38 miles southeast of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be improvements made to existing two track County road.

**2. Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

**3. Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

**5. Location and Type of Water Supply:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**6. Source of Construction Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**7. Methods of Handling Waste Materials:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**8. Ancillary Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

**10. Plans for Reclamation of the Surface:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**Interim Reclamation**

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the success of reclamation.

**Seed Mix:**

*Interim Reclamation:*

6 lbs Hycrest Crested Wheatgrass

6 lbs Needle & Thread Grass

*Final Reclamation:*

Seed Mix # 1 3 lbs. Fourwing Saltbush, 4 lbs. Hycrest Crested Wheat Grass, 1 lbs. Needle & Thread Grass and 3 lbs. Indain Rice Grass.

**11. Surface Ownership:**

Bureau of Land Management

170 South 500 East

Vernal, Utah 84078

(435) 781-4400

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

QEP will construct reservoir between corner # 7 and corner # 8. Contact Paul Buhler with the BLM before construction.

**QEP Uinta Basin, Inc.**  
**Request for Exception to Buried Pipeline**  
**for**  
**RWS 6ML-6-9-24**

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: *"As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation."* QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

**Class IV VRM**

- ♦ This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.
- ♦ QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

**Environmental and Safety Concerns**

- ♦ Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.
- ♦ Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- ♦ With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.
- ♦ Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.
- ♦ The additional surface disturbance will increase the risk of disturbing paleontological sites.

### **Operational and Mechanical Concerns for Gas Lines**

- ♦ Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately \$50,000.00 per section.
- ♦ Pipeline markers need to be used with buried pipe. This will add costs in labor and material.
- ♦ Every tie in requires a valve. The average distance between valves is approximately ¼ mile. Valves will have to be placed in “freeze boxes” or “valve boxes”. Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.
- ♦ Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.
- ♦ Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional \$2.00 per foot compared to bare pipe.
- ♦ This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.
- ♦ Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

**Lessee's or Operator's Representative:**

Jan Nelson  
Red Wash Rep.  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4331

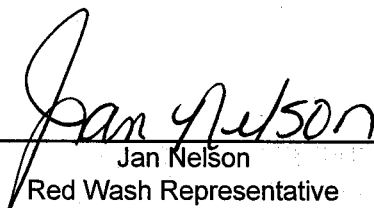
**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
Jan Nelson  
Red Wash Representative

17-Nov-05

Date

# QUESTAR EXPLR. & PROD.

**RWS #6ML-6-9-24**

LOCATED IN UTAH COUNTY, UTAH  
SECTION 6, T9S, R24E, S.L.B.&M.

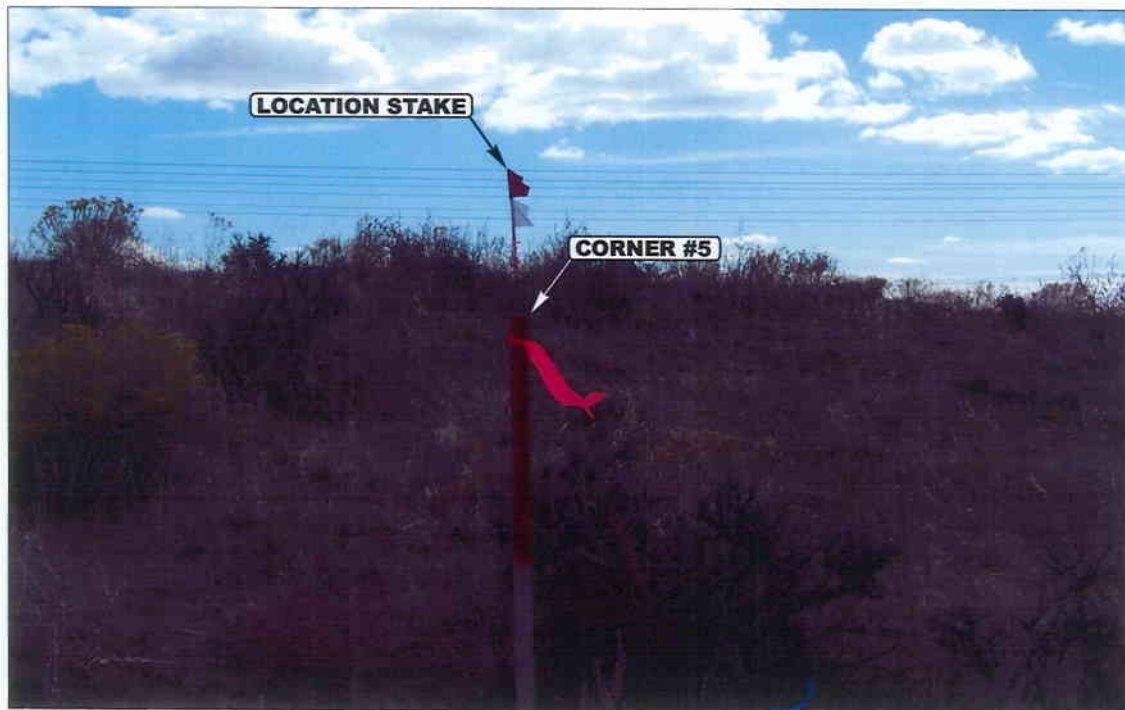


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**U E L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

**LOCATION PHOTOS**

**10 07 05**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: D.A.

DRAWN BY: L.K.

REVISED: 00-00-00

# QUESTAR EXPLR. & PROD.

## LOCATION LAYOUT FOR

RWS #6ML-6-9-24  
SECTION 6, T9S, R24E, S.L.B.&M.  
1792' FNL 2026' FWL

FIGURE #1

CONSTRUCT  
DIVERSION  
DITCH

F-14.3'  
El. 68.7'

SCALE: 1" = 50'  
DATE: 10-07-05  
Drawn By: L.K.

### NOTE:

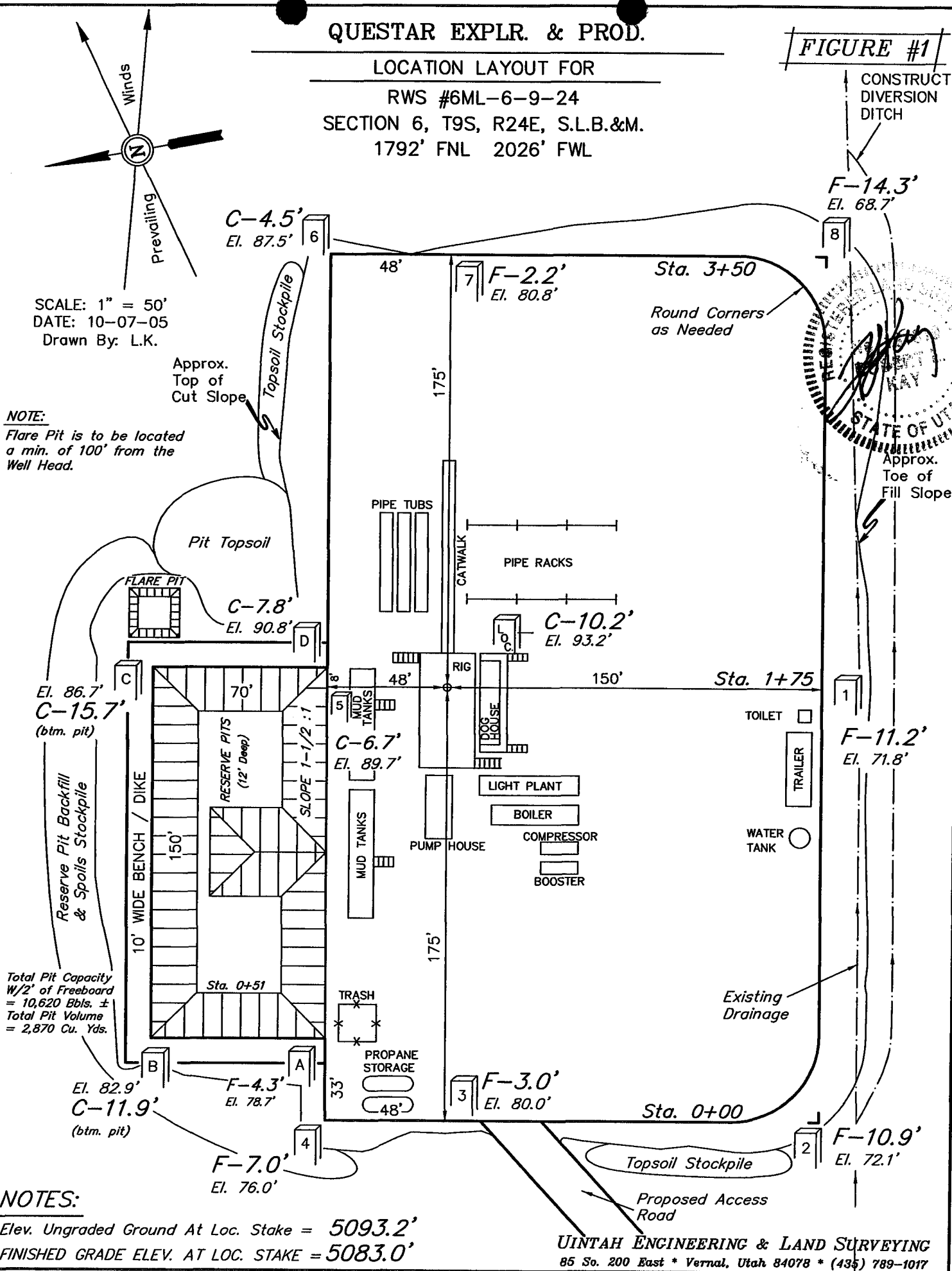
Flare Pit is to be located  
a min. of 100' from the  
Well Head.

Total Pit Capacity  
W/2' of Freeboard  
= 10,620 Bbls. ±  
Total Pit Volume  
= 2,870 Cu. Yds.

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5093.2'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5083.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# QUESTAR EXPLR. & PROD.

FIGURE #2

## TYPICAL CROSS SECTIONS FOR

RWS #6ML-6-9-24

SECTION 6, T9S, R24E, S.L.B.&M.

1792' FNL 2026' FWL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 10-07-05  
Drawn By: L.K.

Preconstruction  
Grade

48'

150'

CUT

STA. 3+50

FILL

10'

70'

48'

150'

BENCH

CUT

Location Stake

FILL

STA. 1+75

10'

70'

48'

150'

BENCH

FILL

CUT

STA. 0+51

CUT

FILL

Slope = 1 1/2:1  
(Typ.)

48'

150'

Finished Grade

FILL

STA. 0+00

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 1,930 Cu. Yds.

Remaining Location = 10,620 Cu. Yds.

TOTAL CUT = 12,550 CU.YDS.

FILL = 9,180 CU.YDS.

#### \* NOTE:

FILL QUANTITY INCLUDES  
5% FOR COMPACTION

Excess Material = 3,370 Cu. Yds.

Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 3,370 Cu. Yds.

EXCESS UNBALANCE  
(After Rehabilitation) = 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

QUESTAR EXPLR. & PROD.

FIGURE #3

INTERIM RECLAMATION PLAN FOR

RWS #6ML-6-9-24

SECTION 6, T9S, R24E, S.L.B.&M.

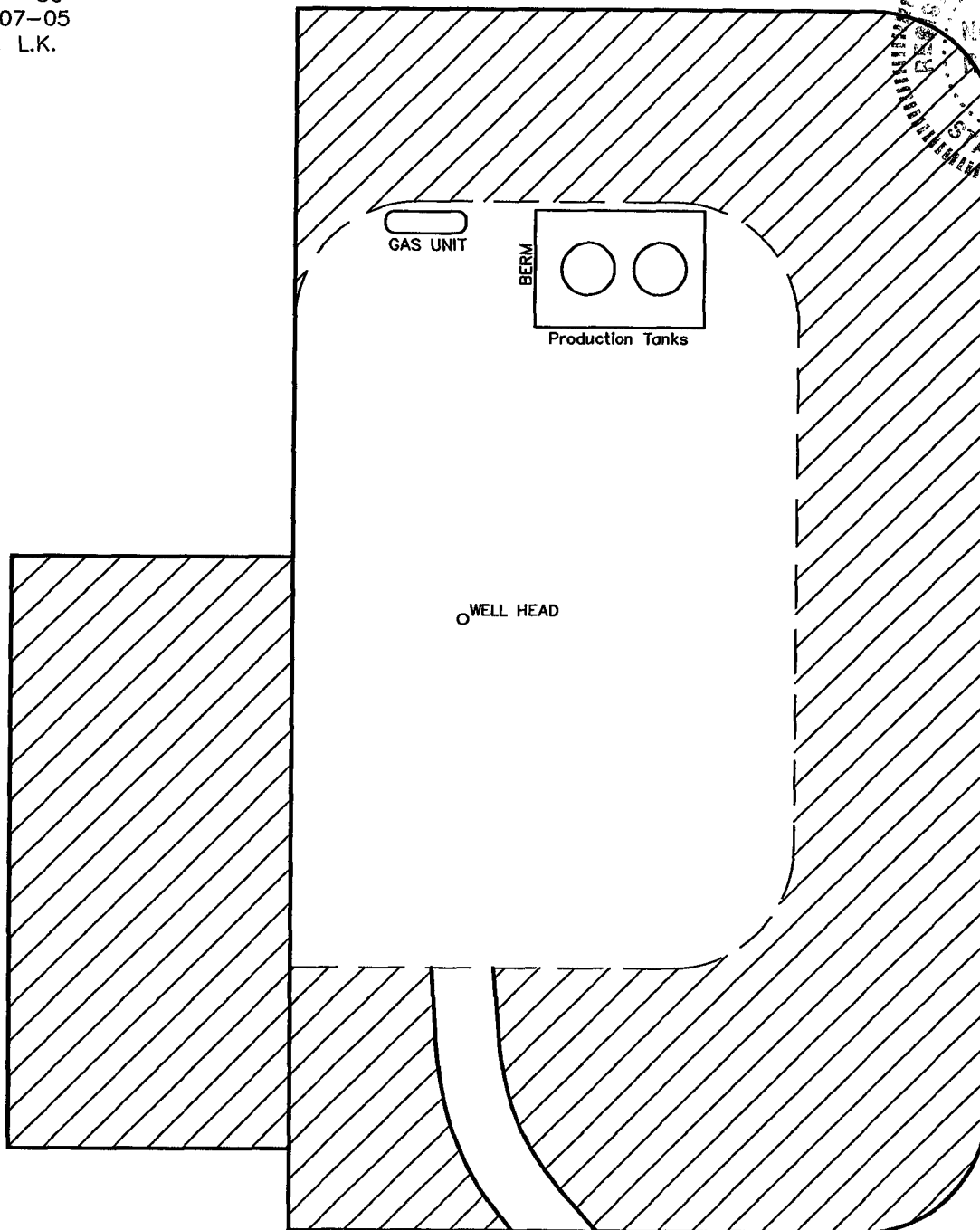
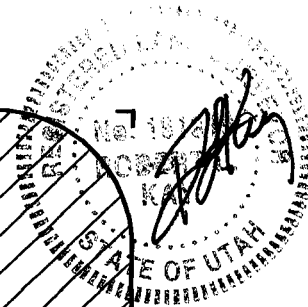
1792' FNL 2026' FWL



SCALE: 1" = 50'

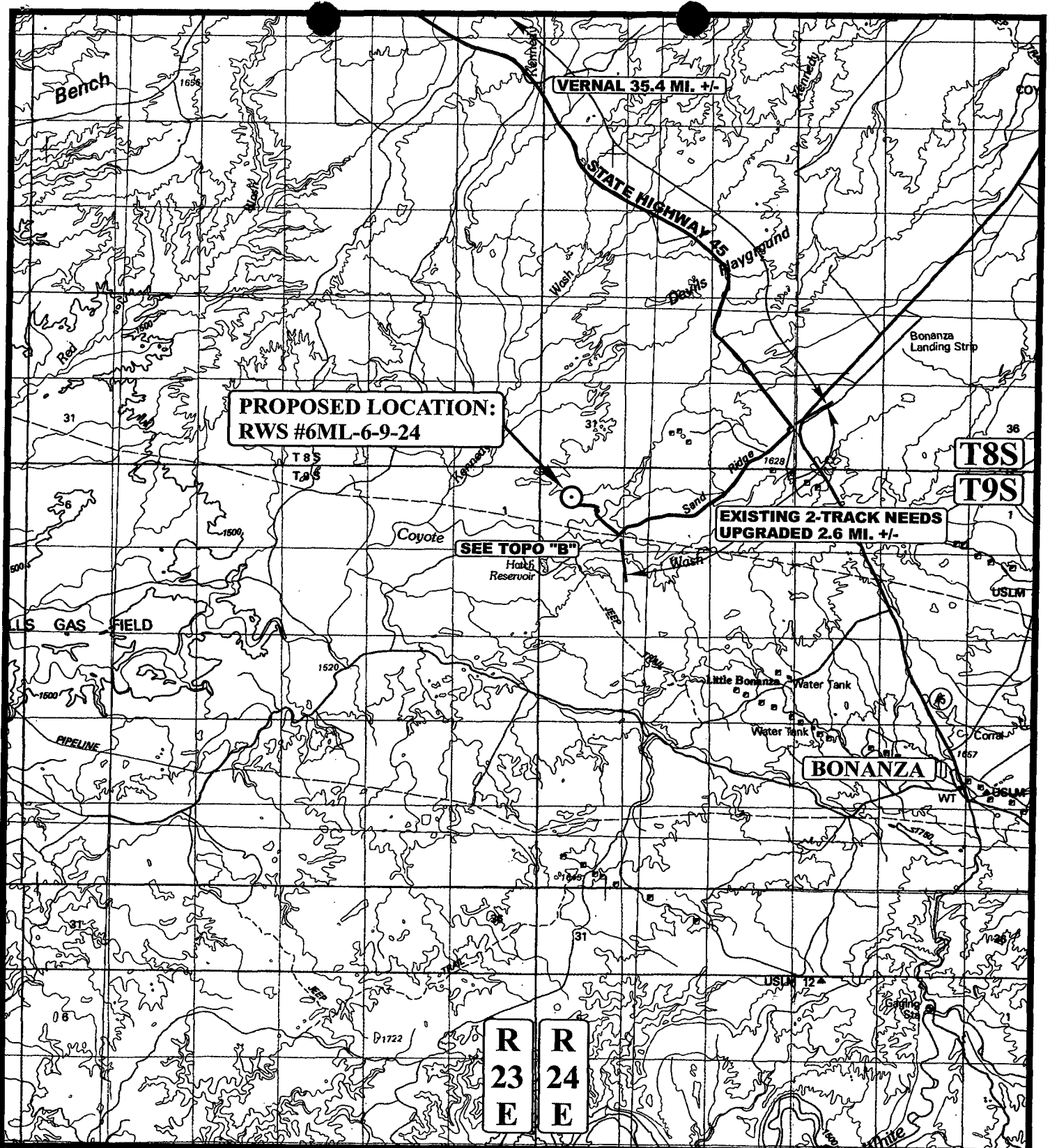
DATE: 10-07-05

Drawn By: L.K.



INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# **LEGEND:**

○ PROPOSED LOCATION

## **QUESTAR EXPLR. & PROD.**

RWS #6ML-6-9-24

SECTION 6, T9S, R24E, S.L.B.&M.

1792' FNL 2026' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

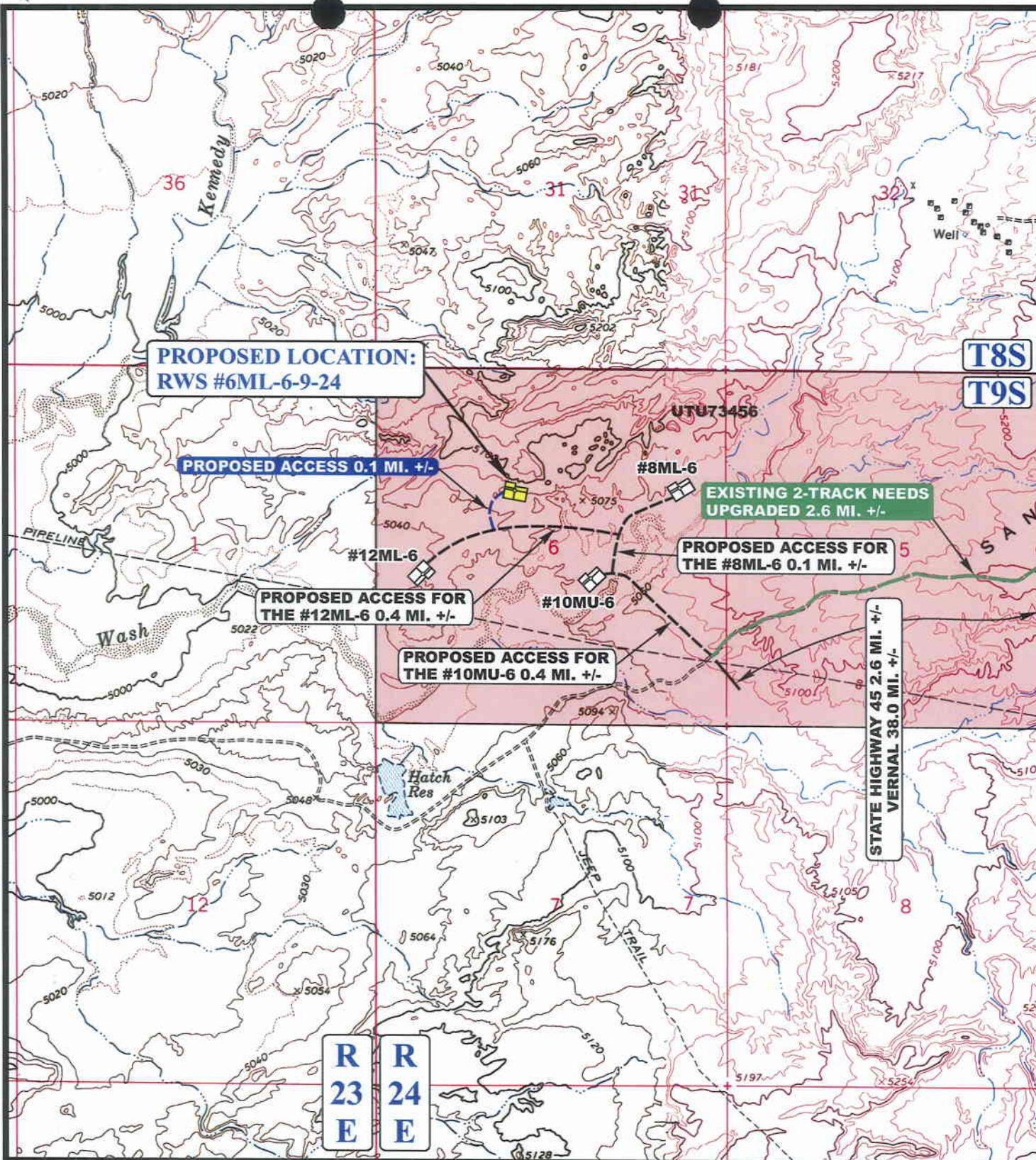
10 07 05  
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: L.K.

REVISED: 00-00-00





## LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED



## QUESTAR EXPLR. & PROD.

**RWS #6ML-6-9-24**  
**SECTION 6, T9S, R24E, S.L.B.&M.**  
**1792' FNL 2026' FWL**



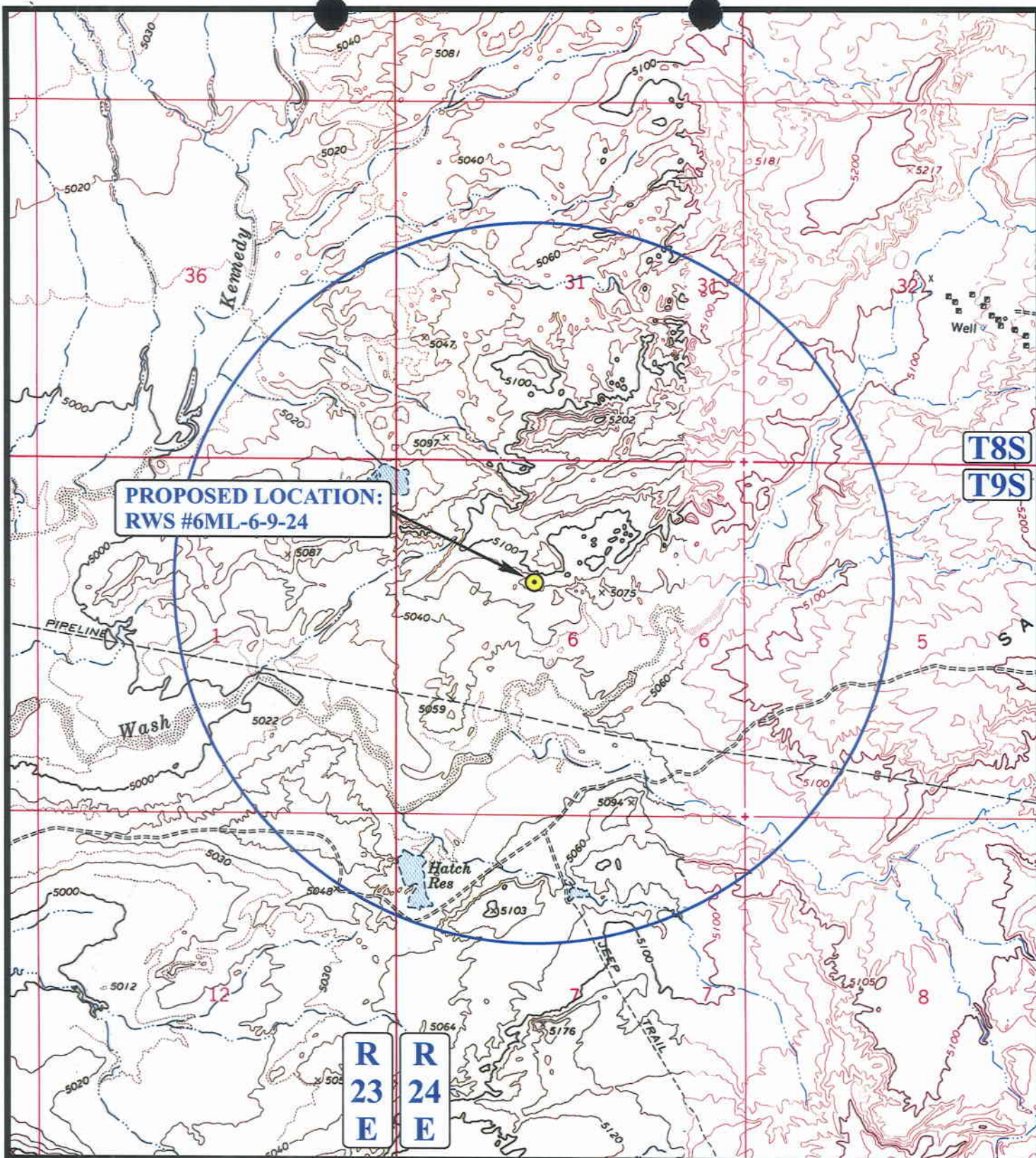
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**10 07 05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00

**B**  
 TOPO



**PROPOSED LOCATION:  
RWS #6ML-6-9-24**

**T8S**

**T9S**

**R  
23  
E**

**R  
24  
E**

# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



## **QUESTAR EXPLR. & PROD.**

**RWS #6ML-6-9-24  
SECTION 6, T9S, R24E, S.L.B.&M.  
1792' FNL 2026' FWL**



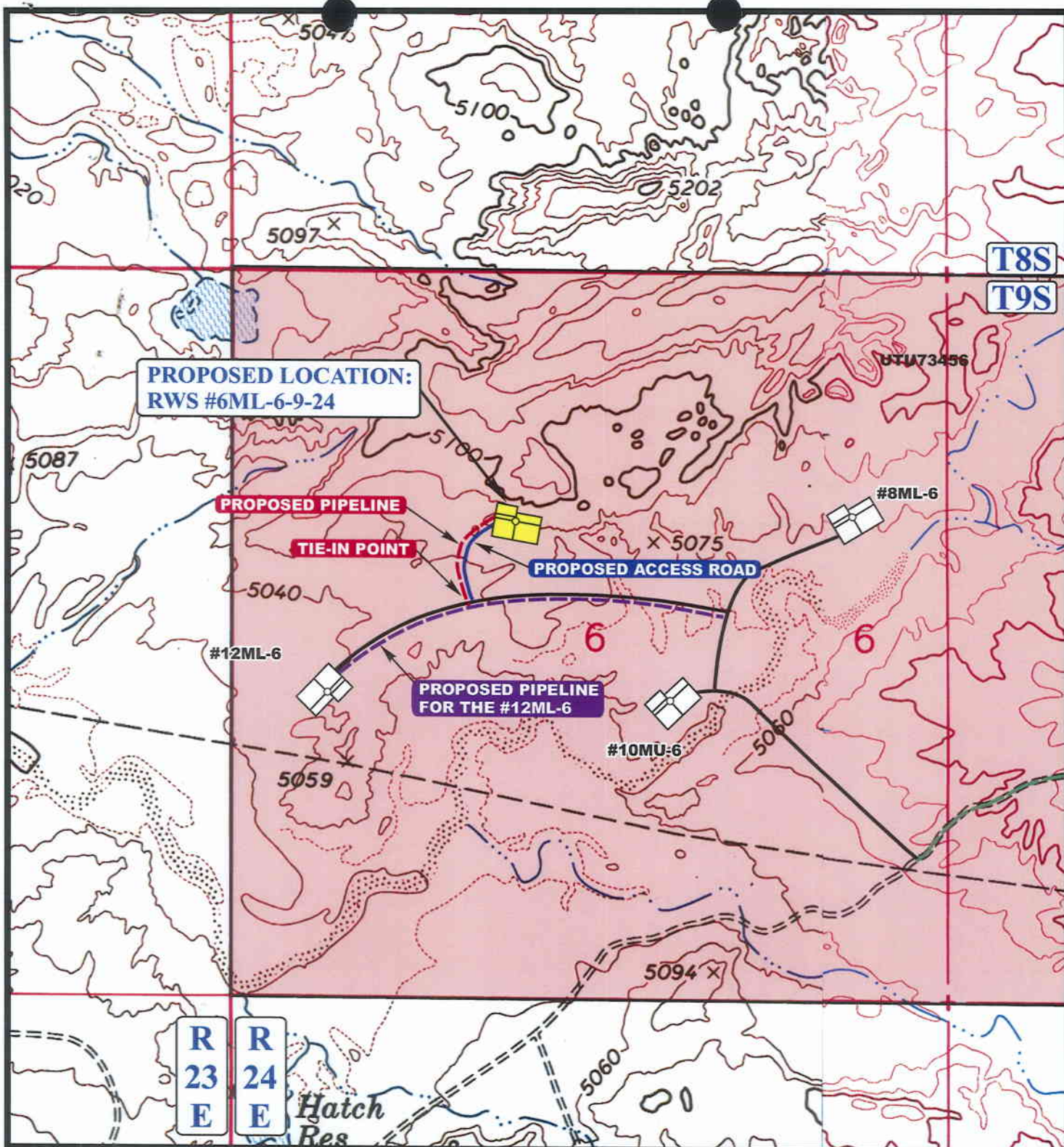
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**10 07 05**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: L.K. REVISED: 00-00-00





**APPROXIMATE TOTAL PIPELINE DISTANCE = 772' +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - PROPOSED PIPELINE
- - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



**QUESTAR EXPLR. & PROD.**

**RWS #6ML-6-9-24**  
**SECTION 6, T9S, R24E, S.L.B.&M.**  
**1792' FNL 2026' FWL**

**TOPOGRAPHIC**  
**MAP**

**10 07 05**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: L.K. REVISED: 00-00-00

**D**  
**TOPO**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/21/2005

API NO. ASSIGNED: 43-047-37413

WELL NAME: RWS 6ML-6-9-24

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JAN NELSON

PHONE NUMBER: 435-781-4331

PROPOSED LOCATION:

SENW 06 090S 240E

SURFACE: 1792 FNL 2026 FWL

BOTTOM: 1792 FNL 2026 FWL

UINTAH

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73456

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	12/5/05
Geology		
Surface		

LATITUDE: 40.06685

LONGITUDE: -109.2582

RECEIVED AND/OR REVIEWED:

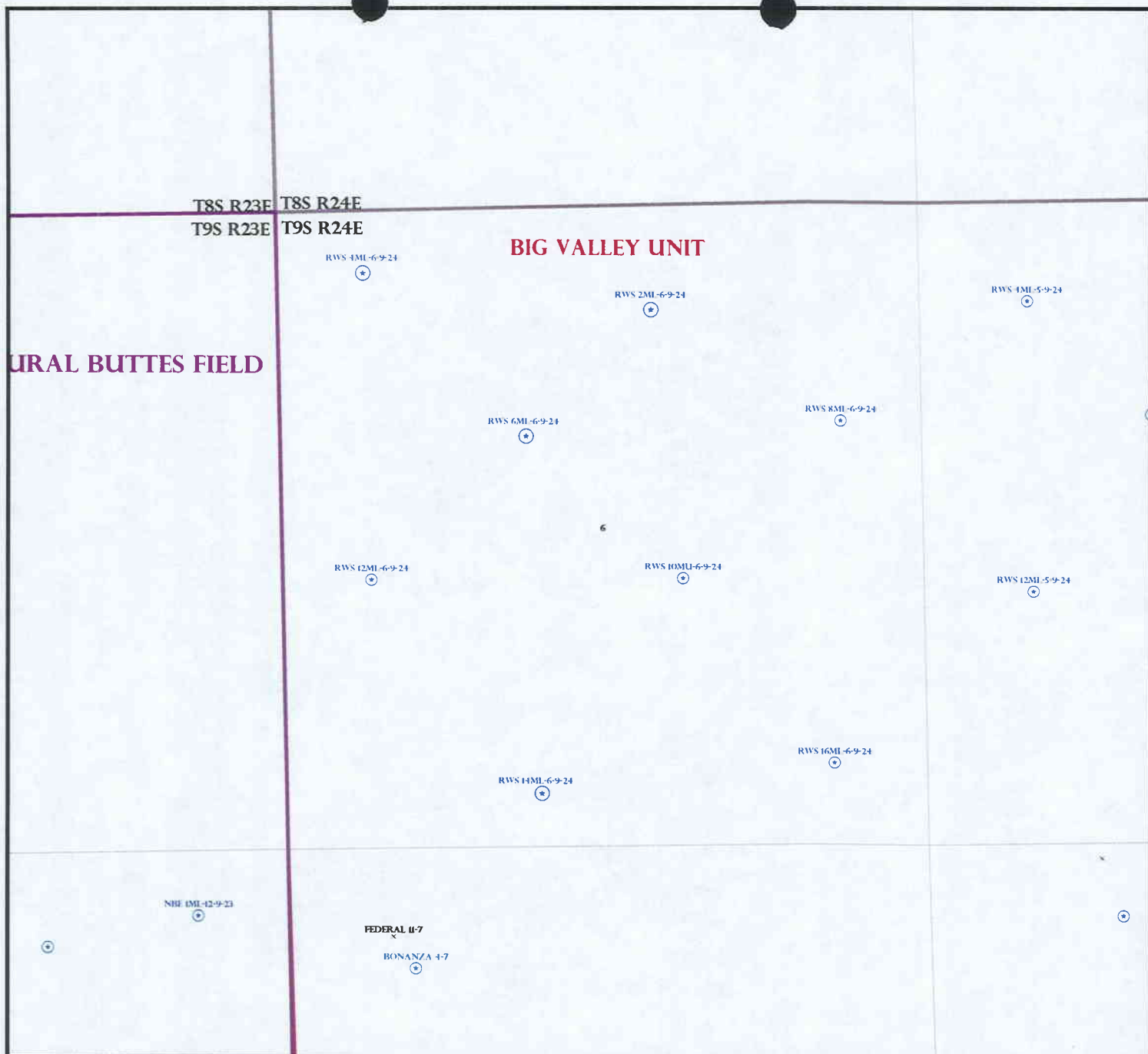
☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)  
(Washatch, Mesquite)

LOCATION AND SITING:

       R649-2-3.  
Unit BIG VALLEY  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
       R649-3-3. Exception  
       Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
       R649-3-11. Directional Drill

COMMENTS: See Separate file

STIPULATIONS: 1- Federal Approval  
2- Spacing Strip  
3- Commingle



OPERATOR: QEP UINTA BASIN INC (N2460)

SEC: 6 T. 9S R. 24E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

**Field Status**

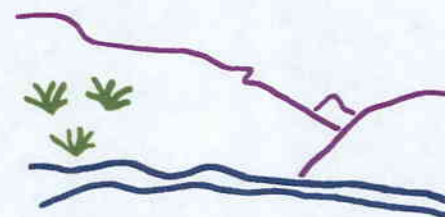
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 21-NOVEMBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

November 21, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Big Valley Unit, Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Big Valley, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Wasatch-MesaVerde)		
43-047-37412 RWS	4ML-6-9-24 Sec 6	T09S R24E 0483 FNL 0706 FWL
43-047-37413 RWS	6ML-6-9-24 Sec 6	T09S R24E 1792 FNL 2026 FWL
43-047-37414 RWS	14ML-6-9-24 Sec 6	T09S R24E 0470 FSL 2049 FWL
43-047-37411 RWS	2ML-6-9-24 Sec 6	T09S R24E 0863 FNL 2139 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Big Valley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:11-21-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

December 5, 2005

QEP Uinta Basin, Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: RWS 6ML-6-9-24 Well, 1792' FNL, 2026' FWL, SE NW, Sec. 6, T. 9 South,  
R. 24 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Administrative approval for commingling the production from the Wasatch formation and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37413.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: QEP Uinta Basin, Inc.  
Well Name & Number RWS 6ML-6-9-24  
API Number: 43-047-37413  
Lease: UTU-73456

Location: SE NW                      Sec. 6                      T. 9 South                      R. 24 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

CONFIDENTIAL

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>UTU-73456</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>N/A</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>BIG VALLEY UNIT #UTU-81308X</b>
2. NAME OF OPERATOR: <b>QEP UINTA BASIN, INC</b>		8. WELL NAME and NUMBER: <b>RWS 6ML-6-9-24</b>
3. ADDRESS OF OPERATOR: <b>11002 E. 17500 S.</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		9. API NUMBER: <b>4304737413</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>1792' FNL 2026' FWL</b>  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SE NW 6 9S 24E</b>		10. FIELD AND POOL, OR WILDCAT: <b>UNDESIGNATED</b>
		COUNTY: <b>UINTAH</b>
		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <b>APD EXTENSION</b>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

**QEP Uinta Basin, Inc. hereby requests a 1 year extension on the RWS 6ML-6-9-24.**

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 12-04-2006  
By: [Signature]

RECEIVED  
12-5-06  
RM

NAME (PLEASE PRINT) <u>Laura Bills</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>[Signature]</u>	DATE <u>12/1/2006</u>

(This space for State use only)

**RECEIVED**  
**DEC 04 2006**

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-37413  
**Well Name:** RWS 6ML-6-9-24  
**Location:** 1792' FNL 2026' FWL SENW, SEC.6, T9S, R24E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 12/5/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

*Nana Bills*  
Signature

12/1/2006  
Date

Title: REGULATORY ASSISTANT

Representing: QEP UINTA BASIN, INC.

RECEIVED

DEC 04 2006

DIV. OF OIL, GAS & MINING

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
---	--

CA No.				Unit:	BIG VALLEY UNIT			
WELL NAME		SEC TWN RNG		API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
BIG VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWS 3ML-9-9-24	RWS 3ML-9-9-24	NENW	09	090S	240E	4304735483	15190	Federal	GW	S
RWS 10ML-6-9-24	RWS 10ML-6-9-24	NWSE	06	090S	240E	4304735653	15333	Federal	GW	P
CWD 4ML-32-8-24	CWD 4ML-32-8-24	NWNW	32	080S	240E	4304735684	14288	Federal	GW	P
NBZ 4ML-30-8-24	NBZ 4D-30-8-24	NWNW	30	080S	240E	4304737229		Federal	GW	APD
NBZ 6ML-30-8-24	NBZ 6ML-30-8-24	SENE	30	080S	240E	4304737230		Federal	GW	APD
NBZ 8ML-30-8-24	NBZ 8ML-30-8-24	SENE	30	080S	240E	4304737231	15976	Federal	GW	DRL
NBZ 10ML-30-8-24	NBZ 10ML-30-8-24	NWSE	30	080S	240E	4304737232		Federal	GW	APD
NBZ 12ML-30-8-24	NBZ 12D-30-8-24	NWSW	30	080S	240E	4304737233		Federal	GW	APD
NBZ 14ML-30-8-24	NBZ 14ML-30-8-24	SESW	30	080S	240E	4304737234		Federal	GW	APD
NBZ 6ML-31-8-24	NBZ 6D-31-8-24	SENE	31	080S	240E	4304737235		Federal	GW	APD
NBZ 4ML-31-8-24	NBZ 4D-31-8-24	NWNW	31	080S	240E	4304737236		Federal	GW	APD
NBZ 13ML-29-8-24	NBZ 13ML-29-8-24	SWSW	29	080S	240E	4304737237	15954	Federal	GW	DRL
NBZ 8ML-31-8-24	NBZ 8D-31-8-24	SENE	31	080S	240E	4304737238		Federal	GW	APD
NBZ 2ML-31-8-24	NBZ 2ML-31-8-24	NWNE	31	080S	240E	4304737239		Federal	GW	APD
NBZ 11ML-29-8-24	NBZ 11D-29-8-24	NESW	29	080S	240E	4304737240		Federal	GW	APD
NBZ 5ML-29-8-24	NBZ 5D-29-8-24	SWNW	29	080S	240E	4304737241		Federal	GW	APD
NBZ 7ML-29-8-24	NBZ 7ML-29-8-24	SWNE	29	080S	240E	4304737243		Federal	GW	APD
NBZ 9ML-29-8-24	NBZ 9D-29-8-24	NESE	29	080S	240E	4304737244		Federal	GW	APD
NBZ 15ML-29-8-24	NBZ 15ML-29-8-24	SWSE	29	080S	240E	4304737246		Federal	GW	APD
CWD 3ML-32-8-24	CWD 3ML-32-8-24	NENW	32	080S	240E	4304737274		Federal	GW	APD
CWD 8ML-32-8-24	CWD 8ML-32-8-24	SENE	32	080S	240E	4304737275		Federal	GW	APD
CWD 12ML-32-8-24	CWD 12ML-32-8-24	NWSW	32	080S	240E	4304737276	15323	Federal	GW	S
CWD 14ML-32-8-24	CWD 14ML-32-8-24	SESW	32	080S	240E	4304737277		Federal	GW	APD
CWD 16ML-32-8-24	CWD 16D-32-8-24	SESE	32	080S	240E	4304737278		Federal	GW	APD
RWS 2ML-5-9-24	RWS 2ML-5-9-24	NWNE	05	090S	240E	4304737306	15925	Federal	GW	DRL
RWS 8ML-5-9-24	RWS 8D-5-9-24	SENE	05	090S	240E	4304737307		Federal	GW	APD
RWS 10ML-5-9-24	RWS 10ML-5-9-24	NWSE	05	090S	240E	4304737308	15787	Federal	GW	P
RWS 12ML-5-9-24	RWS 12ML-5-9-24	NWSW	05	090S	240E	4304737309	15481	Federal	GW	P
RWS 14ML-5-9-24	RWS 14D-5-9-24	SESW	05	090S	240E	4304737310		Federal	GW	APD
RWS 16ML-5-9-24	RWS 16ML-5-9-24	SESE	05	090S	240E	4304737311		Federal	GW	APD
RWS 12ML-6-9-24	RWS 12ML-6-9-24	NWSW	06	090S	240E	4304737312	15947	Federal	GW	DRL
RWS 16ML-6-9-24	RWS 16ML-6-9-24	SESE	06	090S	240E	4304737335	15788	Federal	GW	DRL
CWD 1ML-32-8-24	CWD 1ML-32-8-24	NENE	32	080S	240E	4304737346		Federal	GW	APD
CWD 10ML-32-8-24	CWD 10D-32-8-24	NWSE	32	080S	240E	4304737347		Federal	GW	APD
RWS 6D-5-9-24	RWS 6D-5-9-24	SENE	05	090S	240E	4304737350		Federal	GW	APD
RWS 4ML-5-9-24	RWS 4ML-5-9-24	NWNW	05	090S	240E	4304737351	16020	Federal	GW	DRL
RWS 8D-6-9-24	RWS 8D-6-9-24	SENE	06	090S	240E	4304737352	15858	Federal	GW	DRL
RWS 2ML-6-9-24	RWS 2D-6-9-24	NWNE	06	090S	240E	4304737411		Federal	GW	APD
RWS 4ML-6-9-24	RWS 4ML-6-9-24	NWNW	06	090S	240E	4304737412	16035	Federal	GW	DRL
RWS 6D-6-9-24	RWS 6D-6-9-24	SENE	06	090S	240E	4304737413	99999	Federal	GW	DRL
RWS 14ML-6-9-24	RWS 14D-6-9-24	SESW	06	090S	240E	4304737414		Federal	GW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
BIG VALLEY UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWS 5ML-9-9-24	RWS 5ML-9-9-24	SWNW	09	090S	240E	4304738645		Federal	GW	APD
RWS 12ML-9-9-24	RWS 12ML-9-9-24	NWSW	09	090S	240E	4304738646		Federal	GW	APD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:  
1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
see attached

7. UNIT or CA AGREEMENT NAME:  
see attached

8. WELL NAME and NUMBER:  
see attached

9. API NUMBER:  
attached

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE

DATE 3/16/2007

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APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
1050 17th Street Suite 500 Denver STATE CO ZIP 80265  
PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:  
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
see attached

7. UNIT or CA AGREEMENT NAME:  
see attached

8. WELL NAME and NUMBER:  
see attached

9. API NUMBER:  
attached

10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

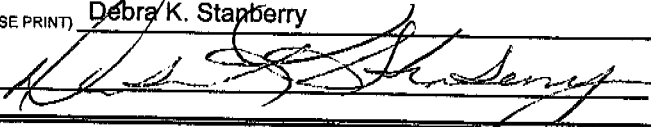
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Name Changes
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE  DATE 4/17/2007

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APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Big Valley Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Big Valley Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007.

In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Big Valley Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Big Valley Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Big Valley Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RE  
SUBMIT IN TRIPLICATE\*

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-73456	
TYPE OF WELL <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> MULTIPLE OIL WELL GAS WELL OTHER ZONE ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		7. UNIT AGREEMENT NAME BIG VALLEY UNIT # UTU-81308X	
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		8. FARM OR LEASE NAME, WELL NO. RWS 6ML-6-9-24	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 1792' FNL 2026' FWL, SENW, SECTION 6, T9S, R24E At proposed production zone		9. API NUMBER: 43-047-37413	
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 38 + / - SOUTHEAST OF VERNAL, UTAH		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 1792' + / -		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SEC. 6, T9S, R24E Mer SLB	
16. NO. OF ACRES IN LEASE 1239.79		12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE UT	
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft		20. BLM/BIA Bond No. on file ESB000024	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 5083.0' GR		22. DATE WORK WILL START ASAP	
23. Estimated duration 10 days		24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan
3. A surface Use Plan ( if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED

*Jan Nelson*

Name (printed/typed) Jan Nelson

Accepted by the  
Utah Division of  
Oil, Gas and Mining

DATE 11-17-05

TITLE Regulatory Affairs

(This space for Federal or State office use)

FOR RECORD ONLY

RECEIVED

JAN 30 2007

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

*[Signature]*

TITLE

Assistant Field Manager  
Lands & Mineral Resources

\*See Instructions On Reverse Side

DATE

1-24-2007

DIV. OF OIL, GAS & MINING

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

CONFIDENTIAL

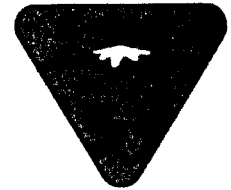
CONDITIONS OF APPROVAL ATTACHED

VERNAL FIELD OFFICE



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East      VERNAL, UT 84078      (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: QEP Uintah Basin, Inc.  
Well No: RWS 6ML-6-9-24  
API No: 43-047-37413

Location: SENW, Sec 6, T9S, R24E  
Lease No: UTU-73456  
Agreement: Big Valley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |   |  |
|---|---|--|
| Location Construction<br>(Notify Karl Wright)           | - | Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Karl Wright)             | - | Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)              | - | Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger)     | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)  | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**SITE SPECIFIC CONDITIONS OF APPROVAL**

- I.* The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.

**GENERAL SURFACE CONDITIONS OF APPROVAL**

- I.* Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

### ***DOWNHOLE CONDITIONS OF APPROVAL***

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. Oil shall not to be used in the water based mud system without prior approval. Written request for approval shall be required.
2. **COA version for Exploratory UnDesignated Wildcat**  
A casing shoe integrity test shall be run on the surface casing shoe.
3. **coa version for Not close to gilsonite vein, but on trend to gilsonite vein deposits.**
  - a. **COA SurfaceUse**  
Operator is to notify gilsonite lease holder prior to pad explosives blasting. Well is not close to gilsonite vein, but on trend to gilsonite vein deposits.
4. **COA version for bope upgrade to a 5m system from the proposed 3m**  
The operator is required to upgrade the BOPE to a 5M system. The operator's proposed BOPE of 3M is less then the ASP and is therefore deficient.
5. Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.
6. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe.
7. A field copy of the CBL shall be submitted to the BLM Vernal Field Office.

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the

daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).

All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
8. Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report

requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

9. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
10. A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- 11. Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
12. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
13. All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
14. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
15. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

16. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
- a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
17. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
18. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
19. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
20. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or

abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

UTU-73456

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or No.

BIG VALLEY UNIT #UTU-81308X

8. Well Name and No.

RWS 6ML-6-9-24

9. API Well No.

43-047-37413

10. Field and Pool, or Exploratory Area

UNDESIGNATED

11. County or Parish, State

Uintah

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QEP UINTA BASIN, INC.

Contact: STEVEN HALL

3a. Address

1571 East 1700 South, Vernal, UT 84078

3b. Phone No. (include area code)

303-672-6919

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1792' FNL 2026' FWL SENW SECTION 6, T9S, R24E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>TD CHANGE &amp; NAME CHANGE</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

QEP Uinta Basin, Inc. proposes to drill this well to the Dakota formation. The proposed TD was 9000', the new proposed TD will be 13,450'. Please refer to revised 8-point drilling plan, cement and BOP.

Qep Uinta Basin, Inc. proposes to change the well name from RWS 6ML-6-9-24 to RWS 6D-6-9-24.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval  
Action is Necessary

Date: 03-20-07

By:

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MAR 19 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jan Nelson

Signature

Title

Regulatory Affairs

Date

March 16, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**CONFIDENTIAL**

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1,410'
Mahogany	2,240'
Wasatch	4,490'
Mesaverde	6,010'
Sego	8,095'
Bucktongue	8,192'
Castlegate	8,260'
Mancos Shale	8,731'
Mancos B	9,553'
Frontier	11,865'
Dakota Silt	12,703'
Dakota Sandstone	12,885'
Morrison	13,285'
TD	13,450'

2. **Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Wasatch	4,490'
Gas	Mesaverde	6,010'
Gas	Mancos	8,731'
Gas	Dakota	12,885'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

## DRILLING PROGRAM

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

### 3. **Operator's Specification for Pressure Control Equipment:**

- A. 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

### 4. **Casing Design:**

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
17-1/2"	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	2,200'	36.0	J-55	STC	New
8-3/4"	7"	sfc	8,900'	26.0	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	13,450'	13.5	P-110	LTC	New

DRILLING PROGRAM

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
4-1/2"	13.5 lb.	P-110	LTC	10,680 psi	12,410 psi	338,000 lb.

**MINIMUM DESIGN FACTORS:**

COLLAPSE: 1.125  
BURST: 1.10  
TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot  
Maximum anticipated mud weight: 13.4 ppg  
Maximum surface treating pressure: 8,800 psi

**5. Auxiliary Equipment**

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes  
If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

## DRILLING PROGRAM

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 13.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

### 6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated
- C. Logging – Mud logging – 3000' to TD  
GR-SP-Induction, Neutron Density
- D. Formation and Completion Interval: Dakota, Mancos, Mesaverde, Wasatch intervals, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

### 7. Cementing Program

#### **20" Conductor:**

Cement to surface with construction cement.

#### **9-5/8" Surface Casing: sfc – 2,200' (MD)**

**Lead/Tail Slurry:** 0' – 2,200'. 760 sks (1375 cu ft) Rockies LT cement + 0.25 lb/sk Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

#### **7" Intermediate Casing: sfc - 8,900' (MD)**

**Lead Slurry:** 0' – 4,200'. 215 sks (825 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

**Tail Slurry:** 4,200' – 8,900'. 855 sks (1060 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

## DRILLING PROGRAM

### **4-1/2" Production Casing: sfc - 13,450' (MD)**

**Lead Slurry:** 0' - 4,200'. 115 sks (440 cu ft) Halliburton Hi-Fill cement + 5 lb/sk Gilsonite + 3 lb/sk Granulite TR ¼ + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.85 ft<sup>3</sup>/sk, Slurry volume: 4-1/2" casing inside 7" casing.

**Tail Slurry:** 4,200' - 13,450'. 1060 sks (1315 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 20% excess in open hole section.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

### **8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 9,370 psi. Maximum anticipated bottom hole temperature is 250° F.

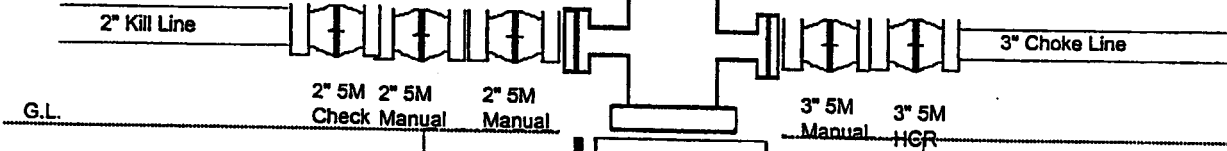
5M BOP STACK

11" Rotating Head

11" Spacer Spool

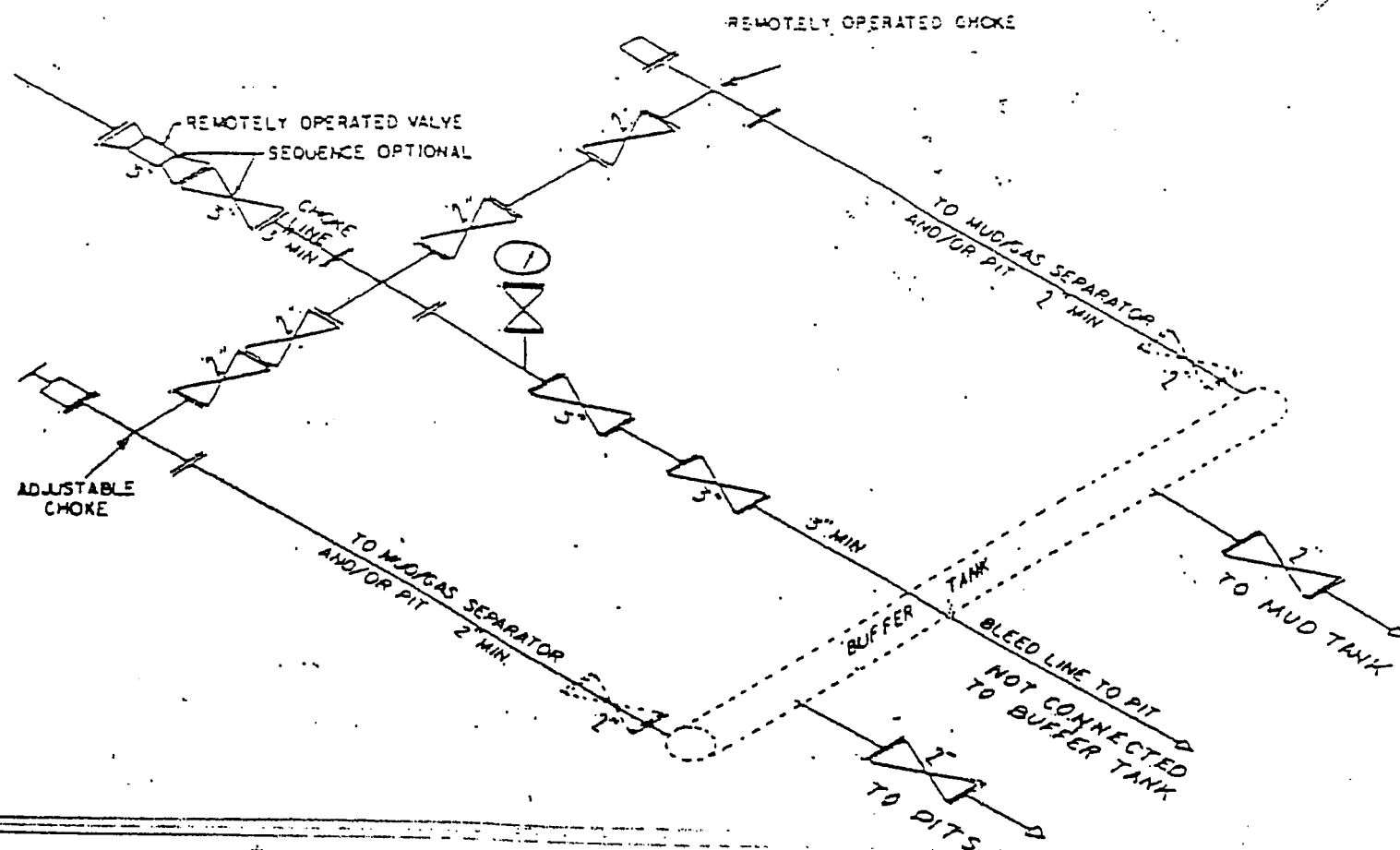
11" 5M Annular

11" 5M Double Ram



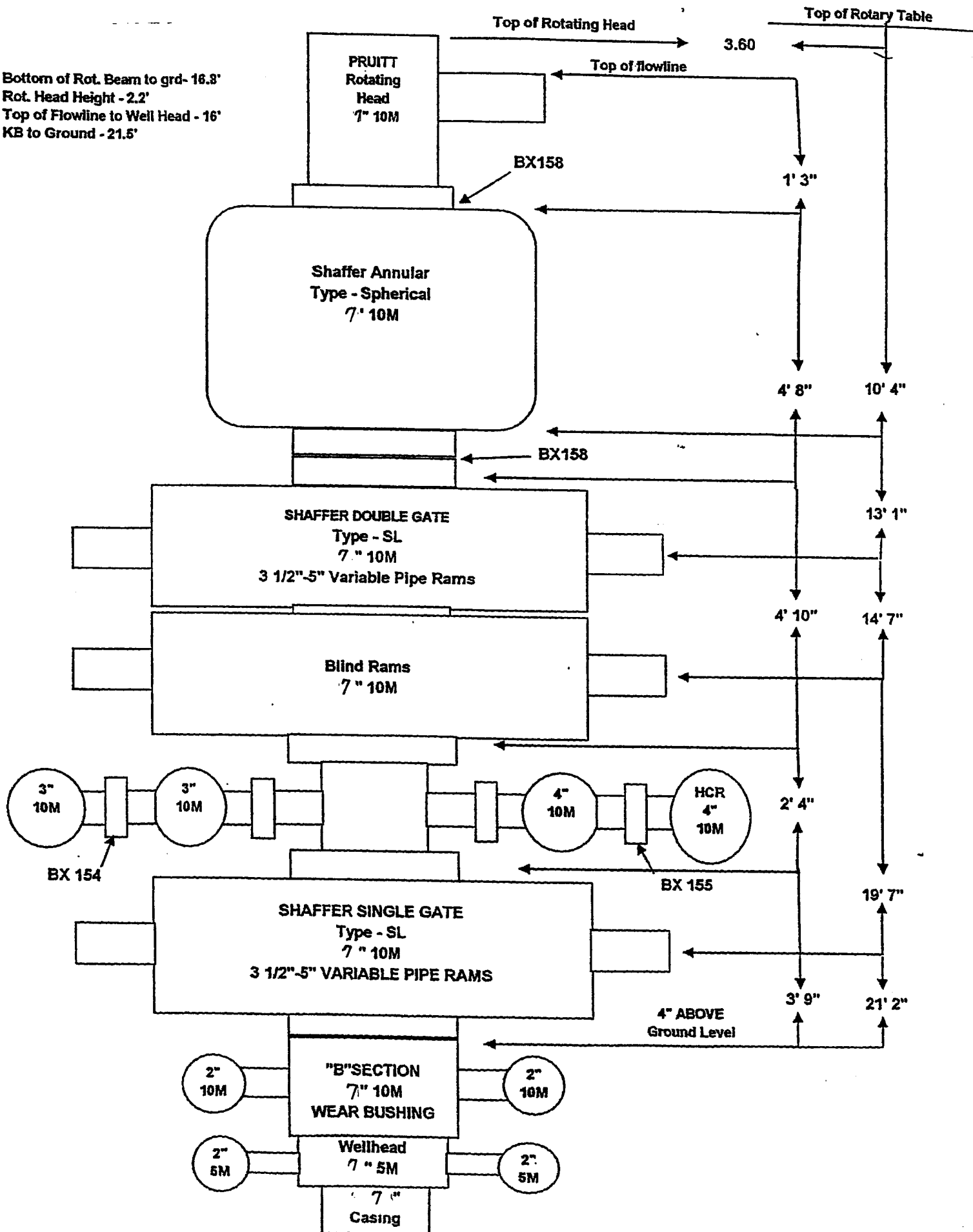
11" 5M x 5M Multi-Bowl Head

9 5/8" 5M Casing Head

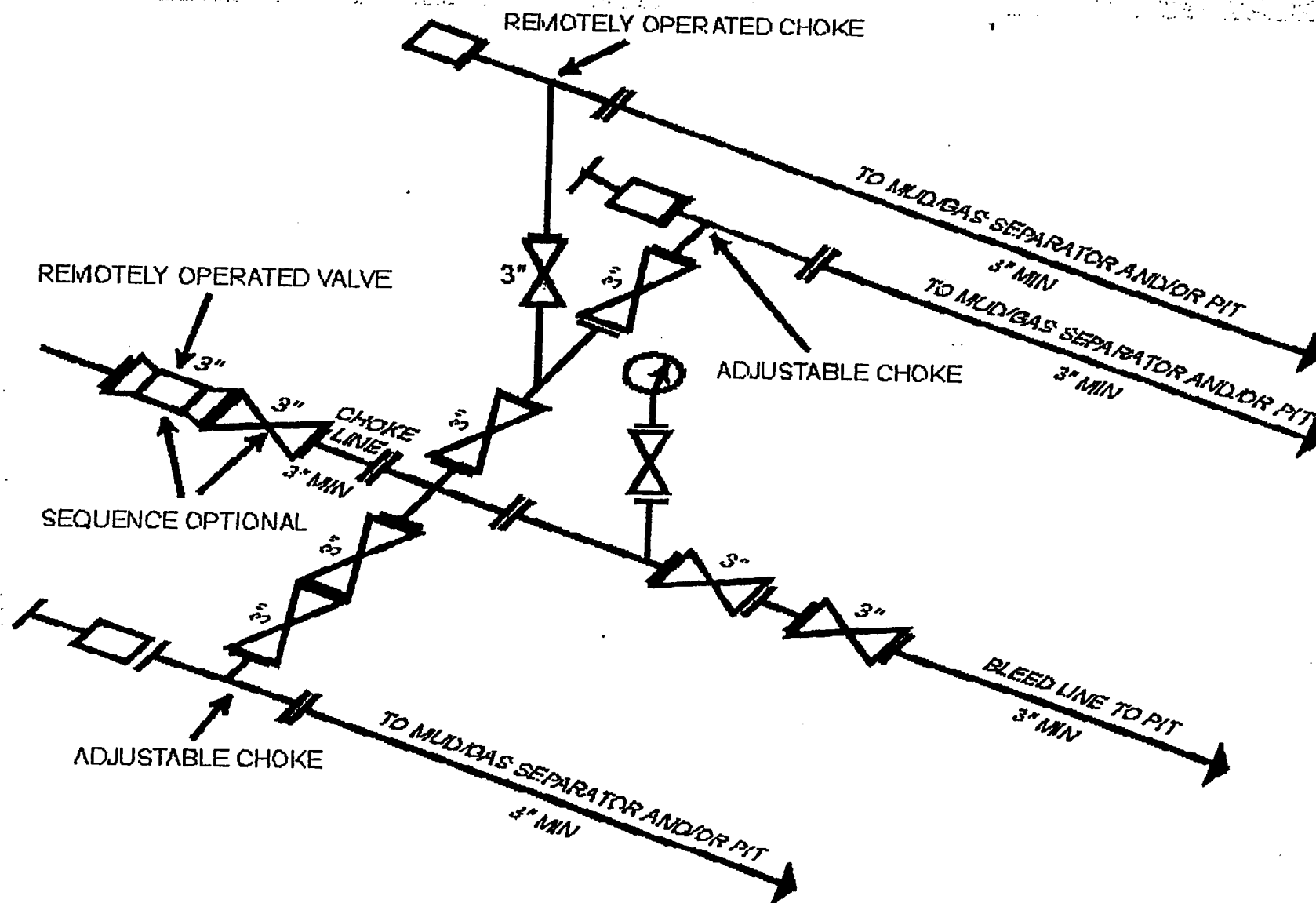


② 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

Bottom of Rot. Beam to grd- 16.3'  
 Rot. Head Height - 2.2'  
 Top of Flowline to Well Head - 16'  
 KB to Ground - 21.5'



# Attachment I. Diagrams of Choke Manifold Equipment



I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

[54 FR 39528, Sept. 27, 1989]

Last Updated March 25, 1997 by John Broderick

OPERATOR: **QEP Uinta Basin, Inc.**  
ADDRESS: **1571 East 1700 South**  
**Vernal, Utah 84078 (435)781-4342**

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
	99999	16056	43-047-37413	RWS 6D 6 9 24	SENW	6	9S	24E	Uintah	4/1/07	4/23/07

WELL 1 COMMENTS:

DKTA

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WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

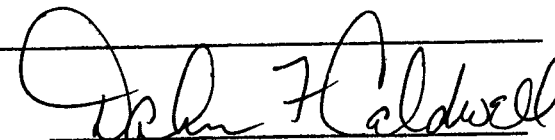
ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

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APR 13 2007  
DIV OF OIL GAS & MINING

  
Signature

Office Administrator II  
Title

4/10/07  
Date

Phone No. **(435)781-4342**

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE - Amended Report on 1/15/07**

## 1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

## 2. Name of Operator

QEP, UINTA BASIN, INC.

## 3. Address and Telephone No.

1571 EAST 1700 SOUTH - VERNAL, UT 84078

Contact: dahn.caldwell@questar.com

435-781-4342 Fax 435-781-4357

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1792' FNL, 2026' FWL, SENW, SEC 6-T9S-R24E

## 5. Lease Designation and Serial No.

UTU-73456

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If Unit or CA, Agreement Designation

BIG VALLEY UNIT  
UTU-81308X

## 8. Well Name and No.

RWS 6D 6 9 24

## 9. API Well No.

43-047-37413

## 10. Field and Pool, or Exploratory Area

UNDESIGNATED

## 11. County or Parish, State

UINTAH

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other SPUD  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 4/01/07 - Drilled 40' of 20" conductor hole. Set 40' of 14" conductor pipe. Cmdt w/ Ready Mix.

On 4/3/07 - Drilled 12-1/4" hole to 2240'. Ran 50 jts of 9-5/8", 36#, J-55 csg to 2198'GL. Cmdt Lead csg w/ 200 sxs and 200 sxs Tail & 100 sxs tail down 1". Top off w/ 75 sxs Lead.

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DIV. OF OIL, GAS &amp; MINING

3 - BLM, 2- Utah OG&amp;M, 1 - Denver, 1 - file Word file-server

## 14. I hereby certify that the foregoing is true and correct.

Signed

Dahn F. Caldwell

Office Administrator II

Date

4/10/07

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Questar E & P					Page 1 of 5
Operations Summary Report					
Well Name: RWS 6D-6-9-24				Spud Date: 4/1/2007	
Location: 6-9-S 24-E 26				Rig Release: 4/22/2007	
Rig Name: TRUE				Rig Number: 26	
43-047-37413					
Date	From - To	Hours	Code	Sub Code	Description of Operations
4/5/2007	-		DRL	8	ON 4/1/2007. MIRU PETE MARTIN. DRILL 40' 20" COND HOLE. RUN 1 JT 40' 14" COND PIPE. CMT W/ READY MIX.
	-				ON 4/3/2007 MIRU BILL JR RATHOLE. DRILL 2240' OF 12 1/4" HOLE. RUN 50 JTS 9 5/8" J-55 36# CSG. TOTAL 2198' GL ( WATER @ 1890')
	-				MIRU BIG 4 CEMENTING. CMT W/ 200 SKS LEAD. 200 SKS TAIL. 100 SKS TAIL DOWN 1" TOP OF W/ 75 SKS LEAD.
4/8/2007	06:00 - 18:00	12.00	LOC	4	MOVE & R/U 95% R/U
4/9/2007	06:00 - 09:00	3.00	BOP	1	N/A BOP.
	09:00 - 13:00	4.00	BOP	2	TERS BOP ANNULAR 3000#. RAMS 3000# CHOKE LINES MANIFOLD 3000# BLIND 3000#. CSG 1500#
	13:00 - 16:00	3.00	TRP	1	P/U BHA & DRILL PIPE.
	16:00 - 17:00	1.00	DRL	4	DRILL CMT FLT & SHOE
	17:00 - 17:30	0.50	DRL	1	DRILL F/ 2209' T/ 2308' ( 8 3/4" HOLE )
	17:30 - 18:00	0.50	SUR	1	SURVEY @ 2231' 2 DEG.
	18:00 - 20:00	2.00	DRL	1	DRILL F/ 2308' T/ 2594'
	20:00 - 20:30	0.50	RIG	1	RIG SERVICE.
	20:30 - 22:30	2.00	DRL	1	DRILL F/ 2594' T/ 2848'
	22:30 - 23:00	0.50	SUR	1	SURVEY @ 2773' 2 1/4 DEG.
	23:00 - 03:00	4.00	DRL	2	DRILL F/ 2848' T/ 3354'
	03:00 - 03:30	0.50	SUR	1	SURVEY @ 3279' 2 1/4 DEG.
	03:30 - 06:00	2.50	DRL	1	DRILL F/ 3354' T/ 3670'
4/10/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 3670' T/ 3893'
	08:00 - 08:30	0.50	SUR	1	SURVEY @ 3820' 3 DEG
	08:30 - 12:30	4.00	DRL	1	DRILL F/ 3893' T/ 4336'
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 13:30	0.50	SUR	1	SURVEY @ 4260' 4 DEG'
	13:30 - 16:30	3.00	TRP	2	TRIP. L/D TOP STAB.. P/U NEW BIT.
	16:30 - 17:00	0.50	REAM	1	WASH 40' BTM.
	17:00 - 17:30	0.50	DRL	1	DRILL F/ 4336' T/ 4362'
	17:30 - 18:00	0.50	RIG	2	REPAIR FLOW LINE.
	18:00 - 21:30	3.50	DRL	1	DRILL F/ 4362' T/ 4584'
	21:30 - 22:00	0.50	SUR	1	SURVEY @ 4502' 3 DEG.
	22:00 - 02:30	4.50	DRL	1	DRILL F/ 4584' T/ 5026'
	02:30 - 03:00	0.50	SUR	1	SURVEY @ 4951' 3 1/2 DEG
	03:00 - 06:00	3.00	DRL	1	DRILL F/ 5026' T/ 5320'
4/11/2007	06:00 - 06:30	0.50	RIG	1	RIG SERVICE
	06:30 - 09:00	2.50	DRL	1	DRILL F/ 5325' T/ 5564'
	09:00 - 09:30	0.50	SUR	1	SURVEY @ 5490' 4 DEG.
	09:30 - 14:30	5.00	DRL	1	DRILL F/ 5564' T/ 5787' ( WT ON BIT 12,000)
	14:30 - 15:00	0.50	SUR	1	SURVEY @ 5707' 4 3/4 DEG
	15:00 - 21:00	6.00	TRP	2	TRIP ( HIGH WINDS ) L/D STAB.
	21:00 - 22:00	1.00	REAM	1	WASH 190' BTM.
	22:00 - 01:30	3.50	DRL	1	DRILL F/ 5787' T/ 6063' ( MUD UP 5800')
	01:30 - 02:00	0.50	SUR	1	SURVEY @ 5988' 4 1/2 DEG
	02:00 - 06:00	4.00	DRL	1	DRILL F/ 6063' T/ 6360' ( VIS 40 WT 9.5 )
4/12/2007	06:00 - 06:30	0.50	SUR	1	SURVEY @ 6300' 6 DEG.
	06:30 - 08:00	1.50	DRL	1	DRILL F/ 6360' T/ 6511'
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE.
	08:30 - 09:00	0.50	SUR	1	SURVEY @ 6425' 7 DEG.
	09:00 - 14:30	5.50	TRP	2	TRIP P/U STAB. @ 64' RR BIT #2
	14:30 - 19:00	4.50	REAM	1	W&R F/ 6100' T/ 6511'
	19:00 - 23:30	4.50	DRL	1	DRILL F/ 6511' T/ 6638' (10,000 WT ON BIT )
	23:30 - 00:30	1.00	SUR	1	SURVEY @ 6605 7 DEG

Printed: 5/2/2007 10:05:15 AM

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Questar E & P						Page 2 of 5
Operations Summary Report						
Well Name: RWS 6D-6-9-24			Spud Date: 4/1/2007			
Location: 6- 9-S 24-E 26			Rig Release: 4/22/2007			
Rig Name: TRUE			Rig Number: 26			
Date	From - To	Hours	Code	Sub Code	Description of Operations	
4/12/2007	00:30 - 04:00	3.50	DRL	1	DRILL F/ 6638' T/ 6765' ( 10,000 WT ON BIT )	
	04:00 - 05:00	1.00	SUR	1	SURVEY @ 6720' ( OFF 7 DEG CHART )	
	05:00 - 06:00	1.00	DRL	1	DRILL F/ 6765' T/ 6785' (LOOKING F/ 14 DEG TOOL )	
4/13/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 6785' T/ 6796' (10,000 WT)	
	07:00 - 07:30	0.50	SUR	1	SURVEY @ 6750 9 DEG	
	07:30 - 11:00	3.50	DRL	1	DRILL F/ 6796' T/ 6891' ( 8-10,000WT)	
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE.	
	11:30 - 12:00	0.50	SUR	1	SURVEY @ 6850 8 1/4 DEG	
	12:00 - 15:30	3.50	DRL	1	DRILL F/ 6891' T/ 6953' (8-10,000 WT)	
	15:30 - 16:00	0.50	RIG	2	TIGHT PUMP BELTS.	
	16:00 - 18:00	2.00	DRL	1	DRILL F/ 6953' T/ 6984' ( 8-10,000 WT)	
	18:00 - 19:00	1.00	SUR	1	SURVEY @ 6940' 7 DEG.	
	19:00 - 21:30	2.50	DRL	1	DRILL F/ 6984' T/ 7051' ( 12,000 WT)	
	21:30 - 22:00	0.50	RIG	2	REPLACE SWAB IN PUMP	
	22:00 - 23:30	1.50	DRL	1	DRILL F/ 7051' T/ 7080' (12,000 WT)	
	23:30 - 00:30	1.00	SUR	1	SURVEY @ 7037' 6 DEG	
	00:30 - 01:00	0.50	DRL	1	DRILL F/ 7080' T/ 7084' (	
	01:00 - 06:00	5.00	RIG	2	BURNT UP CLUTCH IN F- 1000 PUMP.	
4/14/2007	06:00 - 17:00	11.00	RIG	2	RIG REPAIRS ( CULCH ON F-1000 PUMP)	
	17:00 - 00:00	7.00	DRL	1	DRILL F/ 7084' T/ 7204'	
	00:00 - 01:00	1.00	SUR	1	SURVEY @ 7471' 6 DEG	
	01:00 - 06:00	5.00	DRL	1	DRILL F/ 7204' T/	
4/15/2007	06:00 - 06:30	0.50	SUR	1	PUMP PILL. DROP SURVEY. @ 7230' 5 3/4 DEG	
	06:30 - 11:30	5.00	TRP	10	TRIPF/ BIT #5. P/U NEW MOTOR .22 & NEW BIT.	
	11:30 - 12:30	1.00	RIG	6	CUT DRILLING LINE.	
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE.	
	13:00 - 14:00	1.00	TRP	10	TRIP IN HOLE.	
	14:00 - 14:30	0.50	REAM	1	WASH 90' BTM.	
	14:30 - 19:00	4.50	DRL	1	DRILL F/ 7260' T/ 7426' ( 16,000 WT ON BIT)	
	19:00 - 20:00	1.00	SUR	1	SURVEY @ 7350' 6 DEG	
	20:00 - 06:00	10.00	DRL	1	DRILL F/ 7426' T/ 7630' ( 16,000 WT ON BIT) MUD WT 10.3	
4/16/2007	06:00 - 09:00	3.00	DRL	1	DRILL F/ 7635' T/ 7678' ( WT 16,000)	
	09:00 - 09:30	0.50	SUR	1	SURVEY @ 7603'	
	09:30 - 13:00	3.50	DRL	1	DRILL F/ 7678' T/ 7741' ( WT 14,000)	
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE.	
	13:30 - 15:30	2.00	DRL	1	DRILL F/ 7741' T/ 7773'	
	15:30 - 16:00	0.50	SUR	1	SURVEY @ 7698' 5 1/2 DEG.	
	16:00 - 04:00	12.00	DRL	1	DRILL F/ 7773' T/ 7900' ( 14,000 WT ON BIT )	
	04:00 - 05:00	1.00	SUR	1	SURVEY @ 7857'. 5 DEG.	
4/17/2007	05:00 - 06:00	1.00	DRL	1	DRILL F/ 7900' T/ 7905'	
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 7905-7963	
					16K WOB	
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE	
	10:30 - 14:30	4.00	DRL	1	DRILL F/ 7963-8026	
					16K WOB	
	14:30 - 15:30	1.00	SUR	1	SURVEY AT 7951 5 DEGREES	
	15:30 - 22:00	6.50	DRL	1	DRILL F/ 8026-8150	
					18K WOB	
	22:00 - 23:00	1.00	SUR	1	SURVEY AT 8079 4.75 DEGREES	
	23:00 - 06:00	7.00	DRL	1	DRILL F 8150-8253	
					20K ON BIT	
					NO DOWNHOLE MUD LOSS	

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Operations Summary Report					
Well Name: RWS 6D-6-9-24			Spud Date: 4/1/2007		
Location: 6-9-S 24-E 26			Rig Release: 4/22/2007		
Rig Name: TRUE			Rig Number: 26		
Date	From - To	Hours	Code	Sub Code	Description of Operations
4/18/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/8253-8343
	11:30 - 12:00	0.50	SUR	1	SURVEY AT 88268 4 DEGREES
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE
	12:30 - 19:00	6.50	DRL	1	DRILL F/8343-8424
	19:00 - 23:00	4.00	TRP	10	MIX AND PUMP DRY JOB
					TRIP OUT FOR BIT DUE TO SLOW PENETRATION RATE
	23:00 - 02:00	3.00	TRP	10	TRIP IN TO 4400'
					NO DISPLACEMENT F/ 2200'
	02:00 - 04:00	2.00	CIRC	2	LOSS CIRCULATION. ANNULAS NOT FULL. MIX LCM AND PUMP DOWN BACK
					SIDE. LOST 250 BBLs BEFORE ANNULAS WAS FILLED.
	04:00 - 04:30	0.50	TRP	2	TRIP OUT 10 STANDS.
	04:30 - 05:00	0.50	CIRC	2	CIRCULATE HOLE.
	05:00 - 05:30	0.50	TRP	10	TRIP IN HOLE 5 STANDS
	05:30 - 06:00	0.50	CIRC	1	CIRCULATE HOLE.
4/19/2007					AT 0600 BEGIN STAGING IN HOLE WITH DP.
					LOST 300 BBLs OF MUD TOTAL.
	06:00 - 12:30	6.50	TRP	10	STAGE IN HOLE.
					HIT BRIDGES AT 4824' AND 5353'.
	12:30 - 13:00	0.50	REAM	1	REAM F/8330-8424
	13:00 - 19:00	6.00	DRL	1	DRILL F/8424-8565
	19:00 - 19:30	0.50	RIG	1	RIG SERVICE
	19:30 - 06:00	10.50	DRL	1	DRILL F/8565-8755'
4/20/2007					STARTED LOSING MUD AT 8640
					LOST 80 BBLs. INCREASED LCM TO 15%.
					MUD LOSS STOPPED.
	06:00 - 06:30	0.50	RIG	2	WORK ON PUMPS
	06:30 - 10:30	4.00	DRL	1	DRILL F/8755-8849
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE
	11:00 - 13:00	2.00	DRL	1	DRILL F/8849-8900
					(TD 4/19/2007 1300)
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	14:00 - 18:30	4.50	TRP	14	SHORT TRIP 49 STANDS TO 4600'
	18:30 - 19:00	0.50	REAM	1	WASH AND REAM F/8849-8900 10' FILL
	19:00 - 21:00	2.00	CIRC	1	CIRCULATE AND CONDITION FOR LOGS
	21:00 - 21:30	0.50	CIRC	1	MIX AND PUMP PILL.
					DROP SURVEY DEPTH 8825' 4 DEGREES
4/21/2007	21:30 - 02:30	5.00	TRP	2	STRAP OUT FOR LOGS
	02:30 - 06:00	3.50	LOG	1	RIG UP HALIBURTON WIRELINE AND LOG OPEN HOLE.
					SLM 8899'
					WIRELINE DEPTH 8900'
	06:00 - 08:00	2.00	LOG	1	WIRELINE LOGS.
					RIG DOWN HALIBURTON WIRELINE AND RELEASE.
	08:00 - 12:30	4.50	TRP	2	TRIP IN HOLE
	12:30 - 13:00	0.50	REAM	1	WASH 54' TO BOTTOM. NO FILL
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE OUT GAS.
					RIG UP WESTATES L/D MACHINE
					MIX AND PUMP DRY JOB
	14:00 - 19:30	5.50	TRP	1	L/D DRILL PIPE
	19:30 - 21:00	1.50	TRP	1	L/D DRILL COLLARS
	21:00 - 22:00	1.00	CSG	1	RIG UP CASING WESTATES CASING CREW

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Operations Summary Report						
Well Name: RWS 6D-6-9-24				Spud Date: 4/1/2007		
Location: 6-9-S 24-E 26				Rig Release: 4/22/2007		
Rig Name: TRUE				Rig Number: 26		
Date	From - To	Hours	Code	Sub Code	Description of Operations	
4/21/2007	22:00 - 01:00	3.00	CSG	2	RUN 50 JOINTS OF 7" CASING.	
	01:00 - 05:00	4.00	CIRC	6	LOST DISPLACEMENT AND CIRCULATION	
	05:00 - 06:00	1.00	CIRC	1	BUILD MUD VOLUME.	
4/22/2007					WORK PIPE TO TRY TO REGAIN CIRCULATION	
					REGAINED CIRCULATION.	
					CIRCULATE OUT THICK MUD.	
					CONDITION MUD	
	06:00 - 11:00	5.00	CSG	2	STAGE CASING IN TO 7200'	
	11:00 - 15:30	4.50	CIRC	1	CIRCULATE AND CONDITION.	
					SEVERE WELL FLOWING WHEN PUMPING STOPPED.	
					BRING MUD WEIGHT UP TO 10.7+	
	15:30 - 17:00	1.50	CSG	2	RUN 7" CASING TO DEPTH OF 8900'	
					(194 JOINTS OF 7" 26# HCP-110, RANGE 3, LT&C THREAD)	
					SHOE TOP AT 8899'	
					FLOAT TOP AT 8854'	
4/25/2007	17:00 - 18:00	1.00	CIRC	1	CIRCULATE OUT GAS	
	18:00 - 18:30	0.50	CMT	1	RIG DOWN WESTATES CASING CREW AND RELEASE	
	18:30 - 20:30	2.00	CMT	2	RIG UP HALIBURTON CEMENTERS.	
					HOLD SAFETY MEETING	
					CEMENT CASING WITH	
					240 SACKS OF LEAD; 161.5 BBLS	
					1115 SACKS OF TAIL; 246 BBLS	
					DISPLACE WITH 338.5 BBLS OF FRESH WATER	
	20:30 - 21:00	0.50	CMT	1	RIG DOWN HALIBURTON CEMENTERS AND RELEASE	
	21:00 - 23:30	2.50	BOP	1	NIPPLE DOWN BOP AND SET CASING SLIPS	
	23:30 - 03:30	4.00	LOC	7	CLEAN MUD PITS	
					(RIG RELEASE AT 0330 4/22/2007)	
4/26/2007	03:30 - 06:00	2.50	LOC	4	RIG DOWN WITH 5 HANDS FOR 2.5 HRS	
	06:00 - 06:00	24.00	LOC	4	MOVE UNIT 111 ON TO LOCATION. STILL LACK DRILL PIPE ON LOC. AND SOME LIGHT CRANE WORK.	
4/27/2007	06:00 - 06:00	24.00	LOC	4	FINISH CRANE WORK, RIG DOWN CRANE, LOAD IN DRILL STRING. STRING UP BLOCKS. RAISE DERRICK. RIG UP RIG.	
4/28/2007	06:00 - 13:00	7.00	LOC	4	RIG UP FLOOR, RIG UP ROT. TOOLS.	
	13:00 - 21:30	8.50	BOP	2	PRESSURE TEST TO 10,000 PSI.	
					PUT 700 BBLS OF STORAGE MUD IN PITS. MADE 150 BBLS.	
4/29/2007	21:30 - 22:00	0.50	TRP	1	RIG UP LAY DOWN CREW. FRANK WESTATES.	
	22:00 - 06:00	8.00	TRP	1	P/U BHA, DRILL PIPE TO 2600' INSTALL DP RUBBERS ON JT 36 EVERY JT FOR 80 JTS FOR THE LENGTH OF 2600'.	
	06:00 - 12:30	6.50	TRP	1	P/U DRILL PIPE. R/D LAYDOWN TRUCK	
	12:30 - 13:30	1.00	LOC	4	RIG UP AIR LINES TO PUMP, AND PASON.	
	13:30 - 15:00	1.50	CIRC	1	FILL HOLE. PRESSURED UP. SHAKE PIPE TO TRY TO BREAK PLUG. NO GOOD	
	15:00 - 02:30	11.50	TRP	13	TRIP OUT OF HOLE( WET) PACKED LCM ABOVE FLOAT TO FIRST COLLAR. CHECK MOTOR AND BIT. TRIP IN HOLE. TEST MOTOR WITH COLLARS IN HOLE. TIH TO CEMENT. @ 8817'.	
	02:30 - 04:30	2.00	DRL	4	DRILL CEMENT AND EQUIPMENT TO SHOE 8900	
4/29/2007	04:30 - 05:30	1.00	DRL	1	DRILL FROM 8900 TO 8910'.	
	05:30 - 06:00	0.50			CIRC DISPLACE WATER W/ MUD.	
	06:00 - 06:30	0.50	EQT	2	PEFORM FIT TEST. PRESSURE UP TO 1350 PSI, WITH 10.1 MUD @ 8910'.	
	06:30 - 17:00	10.50	DRL	1	EMW= 13.1 WT. DRILL FROM 8910 TO 9392'. NO LOSSES OR GAINS.	

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Operations Summary Report						
Well Name: RWS 6D-6-9-24					Spud Date: 4/1/2007	
Location: 6-9-S 24-E 26					Rig Release: 4/22/2007	
Rig Name: TRUE					Rig Number: 26	
Date	From - To	Hours	Code	Sub Code	Description of Operations	
4/29/2007	17:00 - 17:30	0.50	RIG	1	RIG SERVICE, FUNCTION PIPE RAMS.	
	17:30 - 06:00	12.50	DRL	1	DRILL FROM 9382 TO 9815	
4/30/2007	06:00 - 16:00	10.00	DRL	1	NO LOSSES NO DRILLING FLARES.	
	16:00 - 16:30	0.50	RIG	1	DRILL FROM 9815 TO 10116	
	16:30 - 18:00	1.50	RIG	2	RIG SERVICE FUNCTION PIPE RAMS	
	18:00 - 06:00	12.00	DRL	1	REPAIR PUMPS, BOTH PUMP WASHING, CIRC @ IDLE	
5/1/2007	06:00 - 16:00	10.00	DRL	1	DRILL FROM 10116 TO 10593	
	16:00 - 16:30	0.50	RIG	1	DRILLING F/ 10593' TO 11009'	
	16:30 - 21:00	4.50	DRL	1	RIG SERVICE	
	21:00 - 21:30	0.50	RIG	2	DRILLING F/ 11009' TO 11172'	
	21:30 - 04:30	7.00	DRL	1	WORK ON FLOOR MOTORS FUEL PROBLEM	
	04:30 - 05:30	1.00	CIRC	1	DRILLING F/ 11172 TO 11432'	
	05:30 - 06:00	0.50	TRP	2	CIRC& PUMP PILL	
	06:00 - 10:00	4.00	TRP	2	TRIP OUT TO MOVE DRLG PIPE RUBBERS	
5/2/2007	10:00 - 14:00	4.00	TRP	2	TRIP OUT FOR DRLG PIPE RURRERS	
	14:00 - 17:30	3.50	DRL	1	TRIP IN FOR RUBBERS	
	17:30 - 18:00	0.50	RIG	1	DRILLING F/ 11432' TO 11626'	
	18:00 - 06:00	12.00	DRL	1	RIG SERVICE	
					DRILLING F/ 11626' TO 12160'	

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Questar E & P					Page 1 of 7
Operations Summary Report					
Well Name: RWS 6D-6-9-24 Location: 6-9-S 24-E 26 Rig Name: TRUE				Spud Date: 4/1/2007 Rig Release: 4/22/2007 Rig Number: 26	
43-047-37413					
Date	From - To	Hours	Code	Sub Code	Description of Operations
4/5/2007	-		DRL	8	ON 4/1/2007. MIRU PETE MARTIN. DRILL 40' 20" COND HOLE. RUN 1 JT 40' 14" COND PIPE. CMT W/ READY MIX.
	-				ON 4/3/2007 MIRU BILL JR RATHOLE. DRILL 2240' OF 12 1/4" HOLE. RUN 50 JTS 9 5/8" J-55 36# CSG. TOTAL 2198' GL ( WATER @ 1890')
	-				MIRU BIG 4 CEMENTING. CMT W/ 200 SKS LEAD. 200 SKS TAIL. 100 SKS TAIL DOWN 1" TOP OF W/ 75 SKS LEAD.
4/8/2007	06:00 - 18:00	12.00	LOC	4	MOVE & R/U 95% R/U
4/9/2007	06:00 - 09:00	3.00	BOP	1	N/A BOP.
	09:00 - 13:00	4.00	BOP	2	TERS BOP ANNULAR 3000#. RAMS 3000# CHOKE LINES MANIFOLD 3000#
					BLIND 3000#. CSG 1500#
	13:00 - 16:00	3.00	TRP	1	P/U BHA & DRILL PIPE.
	16:00 - 17:00	1.00	DRL	4	DRILL CMT FLT & SHOE
	17:00 - 17:30	0.50	DRL	1	DRILL F/ 2209' T/ 2308' ( 8 3/4" HOLE )
	17:30 - 18:00	0.50	SUR	1	SURVEY @ 2231' 2 DEG.
	18:00 - 20:00	2.00	DRL	1	DRILL F/ 2308' T/ 2594'
	20:00 - 20:30	0.50	RIG	1	RIG SERVICE.
	20:30 - 22:30	2.00	DRL	1	DRILL F/ 2594' T/ 2848'
	22:30 - 23:00	0.50	SUR	1	SURVEY @ 2773' 2 1/4 DEG.
	23:00 - 03:00	4.00	DRL	2	DRILL F/ 2848' T/ 3354'
	03:00 - 03:30	0.50	SUR	1	SURVEY @ 3279' 2 1/4 DEG.
	03:30 - 06:00	2.50	DRL	1	DRILL F/ 3354' T/ 3670'
4/10/2007	06:00 - 08:00	2.00	DRL	1	DRILL F/ 3670' T/ 3893'
	08:00 - 08:30	0.50	SUR	1	SURVEY @ 3820' 3 DEG
	08:30 - 12:30	4.00	DRL	1	DRILL F/ 3893' T/ 4336'
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE
	13:00 - 13:30	0.50	SUR	1	SURVEY @ 4260' 4 DEG
	13:30 - 16:30	3.00	TRP	2	TRIP. L/D TOP STAB.. P/U NEW BIT.
	16:30 - 17:00	0.50	REAM	1	WASH 40' BTM.
	17:00 - 17:30	0.50	DRL	1	DRILL F/ 4336' T/ 4362'
	17:30 - 18:00	0.50	RIG	2	REPAIR FLOW LINE.
	18:00 - 21:30	3.50	DRL	1	DRILL F/ 4362' T/ 4584'
	21:30 - 22:00	0.50	SUR	1	SURVEY @ 4502' 3 DEG.
	22:00 - 02:30	4.50	DRL	1	DRILL F/ 4584' T/ 5026'
	02:30 - 03:00	0.50	SUR	1	SURVEY @ 4951' 3 1/2 DEG
	03:00 - 06:00	3.00	DRL	1	DRILL F/ 5026' T/ 5320'
4/11/2007	06:00 - 06:30	0.50	RIG	1	RIG SERVICE
	06:30 - 09:00	2.50	DRL	1	DRILL F/ 5325' T/ 5564'
	09:00 - 09:30	0.50	SUR	1	SURVEY @ 5490' 4 DEG.
	09:30 - 14:30	5.00	DRL	1	DRILL F/ 5564' T/ 5787' ( WT ON BIT 12,000)
	14:30 - 15:00	0.50	SUR	1	SURVEY @ 5707' 4 3/4 DEG
	15:00 - 21:00	6.00	TRP	2	TRIP ( HIGH WINDS ) L/D STAB.
	21:00 - 22:00	1.00	REAM	1	WASH 190' BTM.
	22:00 - 01:30	3.50	DRL	1	DRILL F/ 5787' T/ 6063' ( MUD UP 5800')
	01:30 - 02:00	0.50	SUR	1	SURVEY @ 5988' 4 1/2 DEG
	02:00 - 06:00	4.00	DRL	1	DRILL F/ 6063' T/ 6360' ( VIS 40 WT 9.5 )
4/12/2007	06:00 - 06:30	0.50	SUR	1	SURVEY @ 6300' 6 DEG.
	06:30 - 08:00	1.50	DRL	1	DRILL F/ 6360' T/ 6511'
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE.
	08:30 - 09:00	0.50	SUR	1	SURVEY @ 6425' 7 DEG.
	09:00 - 14:30	5.50	TRP	2	TRIP P/U STAB. @ 64' RR BIT #2
	14:30 - 19:00	4.50	REAM	1	W&R F/ 6100' T/ 6511'
	19:00 - 23:30	4.50	DRL	1	DRILL F/ 6511' T/ 6638' (10,000 WT ON BIT )
	23:30 - 00:30	1.00	SUR	1	SURVEY @ 6605 7 DEG

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**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/1/2007  
Rig Release: 4/22/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/12/2007	00:30 - 04:00	3.50	DRL	1	DRILL F/ 6638' T/ 6765' ( 10,000 WT ON BIT )
	04:00 - 05:00	1.00	SUR	1	SURVEY @ 6720' ( OFF 7 DEG CHART )
	05:00 - 06:00	1.00	DRL	1	DRILL F/ 6765' T/ 6785' (LOOKING F/ 14 DEG TOOL )
4/13/2007	06:00 - 07:00	1.00	DRL	1	DRILL F/ 6785' T/ 6796' (10,000 WT)
	07:00 - 07:30	0.50	SUR	1	SURVEY @ 6750 9 DEG
	07:30 - 11:00	3.50	DRL	1	DRILL F/ 6796' T/ 6891' ( 8-10,000WT)
	11:00 - 11:30	0.50	RIG	1	RIG SERVICE.
	11:30 - 12:00	0.50	SUR	1	SURVEY @ 6850 8 1/4 DEG
	12:00 - 15:30	3.50	DRL	1	DRILL F/ 6891' T/ 6953' (8-10,000 WT)
	15:30 - 16:00	0.50	RIG	2	TIGHT PUMP BELTS.
	16:00 - 18:00	2.00	DRL	1	DRILL F/ 6953' T/ 6984' ( 8-10,000 WT)
	18:00 - 19:00	1.00	SUR	1	SURVEY @ 6940' 7 DEG.
	19:00 - 21:30	2.50	DRL	1	DRILL F/ 6984' T/ 7051' ( 12,000 WT)
	21:30 - 22:00	0.50	RIG	2	REPLACE SWAB IN PUMP
	22:00 - 23:30	1.50	DRL	1	DRILL F/ 7051' T/ 7080' (12,000 WT)
	23:30 - 00:30	1.00	SUR	1	SURVEY @ 7037' 6 DEG
	00:30 - 01:00	0.50	DRL	1	DRILL F/ 7080' T/ 7084' (
	01:00 - 06:00	5.00	RIG	2	BURNT UP CLUTCH IN F- 1000 PUMP.
4/14/2007	06:00 - 17:00	11.00	RIG	2	RIG REPAIRS ( CULCH ON F-1000 PUMP)
	17:00 - 00:00	7.00	DRL	1	DRILL F/ 7084' T/ 7204'
	00:00 - 01:00	1.00	SUR	1	SURVEY @ 7471' 6 DEG
	01:00 - 06:00	5.00	DRL	1	DRILL F/ 7204' T/
4/15/2007	06:00 - 06:30	0.50	SUR	1	PUMP PILL. DROP SURVEY. @ 7230' 5 3/4 DEG
	06:30 - 11:30	5.00	TRP	10	TRIPF/ BIT #5. P/U NEW MOTOR .22 & NEW BIT.
	11:30 - 12:30	1.00	RIG	6	CUT DRILLING LINE.
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE.
	13:00 - 14:00	1.00	TRP	10	TRIP IN HOLE.
	14:00 - 14:30	0.50	REAM	1	WASH 90' BTM.
	14:30 - 19:00	4.50	DRL	1	DRILL F/ 7260' T/ 7426' ( 16,000 WT ON BIT)
	19:00 - 20:00	1.00	SUR	1	SURVEY @ 7350' 6 DEG
	20:00 - 06:00	10.00	DRL	1	DRILL F/ 7426' T/ 7630' ( 16,000 WT ON BIT) MUD WT 10.3
4/16/2007	06:00 - 09:00	3.00	DRL	1	DRILL F/ 7635' T/ 7678' ( WT 16,000)
	09:00 - 09:30	0.50	SUR	1	SURVEY @ 7603'
	09:30 - 13:00	3.50	DRL	1	DRILL F/ 7678' T/ 7741' ( WT 14,000)
	13:00 - 13:30	0.50	RIG	1	RIG SERVICE.
	13:30 - 15:30	2.00	DRL	1	DRILL F/ 7741' T/ 7773'
	15:30 - 16:00	0.50	SUR	1	SURVEY @ 7698' 5 1/2 DEG.
	16:00 - 04:00	12.00	DRL	1	DRILL F/ 7773' T/ 7900' ( 14,000 WT ON BIT )
	04:00 - 05:00	1.00	SUR	1	SURVEY @ 7857'. 5 DEG.
4/17/2007	05:00 - 06:00	1.00	DRL	1	DRILL F/ 7900' T/ 7905'
	06:00 - 10:00	4.00	DRL	1	DRILL F/ 7905-7963 16K WOB
	10:00 - 10:30	0.50	RIG	1	RIG SERVICE
	10:30 - 14:30	4.00	DRL	1	DRILL F/ 7963-8026 16K WOB
	14:30 - 15:30	1.00	SUR	1	SURVEY AT 7951 5 DEGREES
	15:30 - 22:00	6.50	DRL	1	DRILL F/ 8026-8150 18K WOB
	22:00 - 23:00	1.00	SUR	1	SURVEY AT 8079 4.75 DEGREES
	23:00 - 06:00	7.00	DRL	1	DRILL F 8150-8253 20K ON BIT
					NO DOWNHOLE MUD LOSS

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Operations Summary Report

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/1/2007  
Rig Release: 4/22/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/18/2007	06:00 - 11:30	5.50	DRL	1	DRILL F/8253-8343
	11:30 - 12:00	0.50	SUR	1	SURVEY AT 88268 4 DEGREES
	12:00 - 12:30	0.50	RIG	1	RIG SERVICE
	12:30 - 19:00	6.50	DRL	1	DRILL F/8343-8424
	19:00 - 23:00	4.00	TRP	10	MIX AND PUMP DRY JOB
					TRIP OUT FOR BIT DUE TO SLOW PENETRATION RATE
	23:00 - 02:00	3.00	TRP	10	TRIP IN TO 4400'
					NO DISPLACEMENT F/ 2200'
	02:00 - 04:00	2.00	CIRC	2	LOSS CIRCULATION. ANNULAS NOT FULL. MIX LCM AND PUMP DOWN BACK
					SIDE. LOST 250 BBLs BEFORE ANNULAS WAS FILLED.
	04:00 - 04:30	0.50	TRP	2	TRIP OUT 10 STANDS.
	04:30 - 05:00	0.50	CIRC	2	CIRCULATE HOLE.
	05:00 - 05:30	0.50	TRP	10	TRIP IN HOLE 5 STANDS
	05:30 - 06:00	0.50	CIRC	1	CIRCULATE HOLE.
4/19/2007					AT 0600 BEGIN STAGING IN HOLE WITH DP.
					LOST 300 BBLs OF MUD TOTAL.
	06:00 - 12:30	6.50	TRP	10	STAGE IN HOLE.
					HIT BRIDGES AT 4824' AND 5353'.
	12:30 - 13:00	0.50	REAM	1	REAM F/8330-8424
	13:00 - 19:00	6.00	DRL	1	DRILL F/8424-8565
4/20/2007	19:00 - 19:30	0.50	RIG	1	RIG SERVICE
	19:30 - 06:00	10.50	DRL	1	DRILL F/8565-8755'
					STARTED LOSING MUD AT 8640
					LOST 80 BBLs. INCREASED LCM TO 15%.
					MUD LOSS STOPPED.
	06:00 - 06:30	0.50	RIG	2	WORK ON PUMPS
	06:30 - 10:30	4.00	DRL	1	DRILL F/8755-8849
	10:30 - 11:00	0.50	RIG	1	RIG SERVICE
	11:00 - 13:00	2.00	DRL	1	DRILL F/8849-8900
					(TD 4/19/2007 1300)
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP
	14:00 - 18:30	4.50	TRP	14	SHORT TRIP 49 STANDS TO 4600'
	18:30 - 19:00	0.50	REAM	1	WASH AND REAM F/8849-8900 10' FILL
	19:00 - 21:00	2.00	CIRC	1	CIRCULATE AND CONDITION FOR LOGS
4/21/2007	21:00 - 21:30	0.50	CIRC	1	MIX AND PUMP PILL.
					DROP SURVEY DEPTH 8825' 4 DEGREES
	21:30 - 02:30	5.00	TRP	2	STRAP OUT FOR LOGS
	02:30 - 06:00	3.50	LOG	1	RIG UP HALIBURTON WIRELINE AND LOG OPEN HOLE.
					SLM 8899'
	06:00 - 08:00	2.00	LOG	1	WIRELINE DEPTH 8900'
					WIRELINE LOGS.
					RIG DOWN HALIBURTON WIRELINE AND RELEASE.
	08:00 - 12:30	4.50	TRP	2	TRIP IN HOLE
	12:30 - 13:00	0.50	REAM	1	WASH 54' TO BOTTOM. NO FILL
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE OUT GAS.
					RIG UP WESTATES L/D MACHINE
					MIX AND PUMP DRY JOB
	14:00 - 19:30	5.50	TRP	1	L/D DRILL PIPE
	19:30 - 21:00	1.50	TRP	1	L/D DRILL COLLARS
	21:00 - 22:00	1.00	CSG	1	RIG UP CASING WESTATES CASING CREW

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/1/2007  
Rig Release: 4/22/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/21/2007	22:00 - 01:00	3.00	CSG	2	RUN 50 JOINTS OF 7" CASING.
	01:00 - 05:00	4.00	CIRC	6	LOST DISPLACEMENT AND CIRCULATION BUILD MUD VOLUME.
	05:00 - 06:00	1.00	CIRC	1	WORK PIPE TO TRY TO REGAIN CIRCULATION REGAINED CIRCULATION. CIRCULATE OUT THICK MUD. CONDITION MUD
4/22/2007	06:00 - 11:00	5.00	CSG	2	STAGE CASING IN TO 7200'
	11:00 - 15:30	4.50	CIRC	1	CIRCULATE AND CONDITION. SEVERE WELL FLOWING WHEN PUMPING STOPPED. BRING MUD WEIGHT UP TO 10.7+
	15:30 - 17:00	1.50	CSG	2	RUN 7" CASING TO DEPTH OF 8900' (194 JOINTS OF 7" 26# HCP-110, RANGE 3, LT&C THREAD) SHOE TOP AT 8899' FLOAT TOP AT 8854'
	17:00 - 18:00	1.00	CIRC	1	CIRULATE OUT GAS
	18:00 - 18:30	0.50	CMT	1	RIG DOWN WESTATES CASING CREW AND RELEASE RIG UP HALIBURTON CEMENTERS.
	18:30 - 20:30	2.00	CMT	2	HOLD SAFETY MEETING CEMENT CASING WITH 240 SACKS OF LEAD; 161.5 BBLS 1115 SACKS OF TAIL; 246 BBLS
	20:30 - 21:00	0.50	CMT	1	DISPLACE WITH 338.5 BBLS OF FRESH WATER
	21:00 - 23:30	2.50	BOP	1	RIG DOWN HALIBURTON CEMENTERS AND RELEASE NIPPLE DOWN BOP AND SET CASING SLIPS
	23:30 - 03:30	4.00	LOC	7	CLEAN MUD PITS (RIG RELEASE AT 0330 4/22/2007)
	03:30 - 06:00	2.50	LOC	4	RIG DOWN WITH 5 HANDS FOR 2.5 HRS
4/25/2007	06:00 - 06:00	24.00	LOC	4	MOVE UNIT 111 ON TO LOCATION. STILL LACK DRILL PIPE ON LOC. AND SOME LIGHT CRANE WORK.
4/26/2007	06:00 - 06:00	24.00	LOC	4	FINISH CRANE WORK, RIG DOWN CRANE, LOAD IN DRILL STRING. STRING UP BLOCKS. RAISE DERRICK. RIG UP RIG.
4/27/2007	06:00 - 13:00	7.00	LOC	4	RIG UP FLOOR, RIG UP ROT. TOOLS.
	13:00 - 21:30	8.50	BOP	2	PRESSURE TEST TO 10,000 PSI.
4/28/2007	21:30 - 22:00	0.50	TRP	1	PUT 700 BBLS OF STORAGE MUD IN PITS. MADE 150 BBLS. RIG UP LAY DOWN CREW. FRANK WESTATES.
	22:00 - 06:00	8.00	TRP	1	P/U BHA, DRILL PIPE TO 2600' INSTALL DP RUBBERS ON JT 36 EVERY JT FOR 80 JTS FOR THE LENGTH OF 2600'.
	06:00 - 12:30	6.50	TRP	1	P/U DRILL PIPE. R/D LAYDOWN TRUCK
	12:30 - 13:30	1.00	LOC	4	RIG UP AIR LINES TO PUMP, AND PASON.
	13:30 - 15:00	1.50	CIRC	1	FILL HOLE. PRESSURED UP. SHAKE PIPE TO TRY TO BREAK PLUG. NO GOOD
	15:00 - 02:30	11.50	TRP	13	TRIP OUT OF HOLE( WET) PACKED LCM ABOVE FLOAT TO FIRST COLLAR. CHECK MOTOR AND BIT. TRIP IN HOLE. TEST MOTOR WITH COLLARS IN HOLE. TIH TO CEMENT. @ 8817'.
4/29/2007	02:30 - 04:30	2.00	DRL	4	DRILL CEMENT AND EQUIPMENT TO SHOE 8900
	04:30 - 05:30	1.00	DRL	1	DRILL FROM 8900 TO 8910'.
	05:30 - 06:00	0.50			CIRC DISPLACE WATER W/ MUD.
	06:00 - 06:30	0.50	EQT	2	PEFORM FIT TEST. PRESSURE UP TO 1350 PSI, WITH 10.1 MUD @ 8910'. EMW= 13.1 WT.
	06:30 - 17:00	10.50	DRL	1	DRILL FROM 8910 TO 9392'. NO LOSSES OR GAINS.

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/1/2007  
Rig Release: 4/22/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/29/2007	17:00 - 17:30 17:30 - 06:00	0.50 12.50	RIG DRL	1 1	RIG SERVICE, FUNCTION PIPE RAMS. DRILL FROM 9382 TO 9815
4/30/2007	06:00 - 16:00 16:00 - 16:30 16:30 - 18:00 18:00 - 06:00	10.00 0.50 1.50 12.00	DRL RIG RIG DRL	1 1 2 1	NO LOSSES NO DRILLING FLARES. DRILL FROM 9815 TO 10116 RIG SERVICE FUNCTION PIPE RAMS REPAIR PUMPS, BOTH PUMP WASHING, CIRC @ IDLE DRILL FROM 10116 TO 10593
5/1/2007	06:00 - 16:00 16:00 - 16:30 16:30 - 21:00 21:00 - 21:30 21:30 - 04:30 04:30 - 05:30 05:30 - 06:00	10.00 0.50 4.50 0.50 7.00 1.00 0.50	DRL RIG DRL RIG DRL CIRC TRP	1 1 1 2 1 1 2	DRILLING F/ 10593' TO 11009' RIG SERVICE DRILLING F/ 11009' TO 11172' WORK ON FLOOR MOTORS FUEL PROBLEM DRILLING F/ 11172 TO 11432' CIRC& PUMP PILL TRIP OUT TO MOVE DRLG PIPE RUBBERS
5/2/2007	06:00 - 10:00 10:00 - 14:00 14:00 - 17:30 17:30 - 18:00 18:00 - 06:00	4.00 4.00 3.50 0.50 12.00	TRP TRP DRL RIG DRL	2 2 1 1 1	TRIP OUT FOR DRLG PIPE RURRERS TRIP IN FOR RUBBERS DRILLING F/ 11432' TO 11626' RIG SERVICE DRILLING F/ 11626' TO 12160'
5/3/2007	06:00 - 09:30 09:30 - 10:00 10:00 - 10:30 10:30 - 11:00 11:00 - 12:30 12:30 - 16:00 16:00 - 17:30 17:30 - 18:00 18:00 - 06:00	3.50 0.50 0.50 0.50 1.50 3.50 1.50 0.50 12.00	DRL RIG DRL CIRC DRL CIRC DRL RIG DRL	1 2 1 1 1 1 1 1 1	DRILLING F/ 12160' TO 12339' LOST RIG AIR DRILLING F/ 12339' TO 12372' CIRC GAS OUT F' 12345' BREAK NO FLAIR ! 20BBL GANE ! MUD BLOWING OUT POSSUM BELLY ! DRILLING F/ 12371' TO 12437' BUILDING MUD WT UP CIRC GAS OUT F' BREAK @ 12405' 30' FLAIT BUILD MUD WT UP 11.1 10' FLAIR DRILLING F/ 12437' TO 12552' 3' FLAIR MUD WT 11.2
5/4/2007	06:00 - 16:30 16:30 - 17:00 17:00 - 19:00 19:00 - 20:00 20:00 - 20:30 20:30 - 06:00	10.50 0.50 2.00 1.00 0.50 9.50	DRL RIG DRL CIRC SUR TRP	1 1 1 1 1 1	RIG SERVICE DRILLING F/ 12552' TO 12915 3' FLAIR 10' ON CONN MUD WT 12.4 DRILLING F/ 12925' TO 13087' RIG SERVICE DRILLING F/ 13087' TO 13100' CIRC PUMP& SLUG DROP SURVEY TRIP OUT HOLE SPOT #2 PILL @ SHOE TRIP OUT REPLACE BIT + MUD MOTER
5/5/2007	06:00 - 09:30 09:30 - 11:00 11:00 - 12:00 12:00 - 13:30 13:30 - 14:30 14:30 - 15:00 15:00 - 20:30 20:30 - 22:30	3.50 1.50 1.00 1.50 1.00 0.50 5.50 2.00	TRP RIG TRP CIRC TRP REAM DRL FISH	10 1 10 1 10 1 6 6	TRIP IN HOLE W/ BIT # 8 FILL @ BHA & 4500' CUT & SLIP 120' OF DRILLING LINE CIRC BOTTEMS UP @ 8996' 20' FLAIR TRIP IN TO 11028' CIRC GAS & AIR OUT 20' FLAIR TRIP IN WITH BIT # 8 WASH 20' TO BOTTEM & WASH BOTTEM NO FILL DRILLING F/ 13100 TO 13152' PICK UP ON CONN PULLS TIGHT, WORK TIGHT HOLE THEN STUCK, JAR BACK DOWN. THEN UP REAM OUT FOR CONN SEAM TO CLEAN UP.
5/6/2007	22:30 - 06:00 06:00 - 08:30 08:30 - 09:00 09:00 - 09:30 09:30 - 10:00 10:00 - 16:00	7.50 2.50 0.50 0.50 0.50 6.00	DRL DRL TRP CIRC SUR TRP	1 1 10 1 1 10	DRILLING F/ 13152 TO 13202' CONN TIGHT AT 13185 WORK OUT DRILLING F/ 13202' TO 13209' LAL DOWN 3JT DP WITH KELLY CIRC CONN GAS OUT; BOTTOMS UP. DROP SURVEY TRIP OUT TO 8989' SPOT 2ND PILL TRIP OUT HOLE

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**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/1/2007  
Rig Release: 4/22/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/6/2007	16:00 - 19:30	3.50	TRP	10	REPLASE BIT LAY DOWN I.B.S.s TRIP IN HOLE FILL @ BHA TRIP TO 9028'
	19:30 - 20:30	1.00	CIRC	1	CIRC OUT WT PILL; AIR + GAS 15' FLAIR
	20:30 - 22:00	1.50	TRP	10	TRIP IN
5/7/2007	22:00 - 00:30	2.50	REAM	1	WASH 120' TO BOTTOM 20' FLAIR ON BOTTEMS UP 20' FLAIR
	00:30 - 06:00	5.50	DRL	1	DRILLING F/ 13209' TO 13250'
	06:00 - 11:30	5.50	DRL	1	DRILLING F/ 1325 TO 13340' START LOSSING MUD @ 13333' LOST 80 BBL BY 13340' [ TD WELL 13340 11.30am 5/6/2007]
5/8/2007	11:30 - 15:30	4.00	CIRC	2	CIRC CON MUD , ADD L.C.M. TO 10% LOST APP 150 BBL MUD
	15:30 - 18:00	2.50	TRP	14	PUMP PILL . START OFF BOTTEM . PULL TIGHT. WORK FREE.KELLY UP LAY DOWN SINGELS TO 13100'
	18:00 - 19:30	1.50	CIRC	1	CIRC GAS OUT 15' FLAIR
	19:30 - 21:30	2.00	TRP	14	PUMP PILL SHORT TRIP 20 STANDS HOLE LOOKS GOOD ABOVE 13130'
	21:30 - 01:30	4.00	REAM	1	WASH & REAM FROM 13131' TO 13340 BOTTEM' 5' FILL
	01:30 - 02:30	1.00	CIRC	1	CIRC BOTTEMS UP 15' FLAIR DROP SUTVEY
	02:30 - 04:00	1.50	TRP	2	LAY DOWN 5 JT WETH KELLK 13100'
	04:00 - 05:00	1.00	CIRC	1	CIRC CONN GAS OUT- BOTTEMS UP
	05:00 - 06:00	1.00	TRP	2	TRIP OUT FOR LOGS
	06:00 - 07:30	1.50	TRP	2	TRIP OUT OF HOLE FOR LOGS
	07:30 - 08:00	0.50	CIRC	1	SPOT 40BBL 15# PILL.AT 8900'
	08:00 - 08:30	0.50	RIG	1	RIG SERVICE.
5/9/2007	08:30 - 11:30	3.00	TRP	2	TRIP OUT OF HOLE.
	11:30 - 02:00	14.50	LOG	1	RIG UP HALIBURTON, AND LOG. RUN TWO TRIP. RUN TRIPLE COMBO THEN THE GAMMA. 1ST TRIP DEPTH = 13300'. 2ND DEPTH 13240'.. RIG DOWN HALLIBURTON.
	02:00 - 06:00	4.00	TRP	2	TRIP IN HOLE TO LAY DOWN DP. TAKING OFF PIPE RUBBERS.
	06:00 - 09:00	3.00	TRP	2	TRIP IN REMOVING DP RUBBERS, TRIP TO 8900'
	09:00 - 10:00	1.00	CIRC	1	CIRC. OUT HEAVY PILL.
	10:00 - 12:00	2.00	TRP	2	TRIP IN HOLE. TIGHT 13260'
	12:00 - 14:00	2.00	REAM	1	REAM FROM 13260 TO 13340' TIGHT HOLE
	14:00 - 14:30	0.50	REAM	1	REAM OUT 5 JTS.
	14:30 - 16:00	1.50	TRP	3	HOLD SAFETYMEETING. RIG UP LAYDOWN TRUCK, PUMP DRY JOB.
	16:00 - 21:00	5.00	TRP	3	LDDP TO SHOE.
5/10/2007	21:00 - 21:30	0.50	CIRC	1	PUMP 40 BBL 15# PILL
	21:30 - 03:30	6.00	TRP	3	LAYDOWN DP.
	03:30 - 04:00	0.50	TRP	1	BREAK KELLY.
	04:00 - 05:30	1.50	TRP	1	LD BHA.
	05:30 - 06:00	0.50	CSG	1	SAFETY MEETING, RIG UP CSG CREW;
	06:00 - 08:30	2.50	CSG	2	RIG UP CSG CREW AND RUN 4.5" CSG HCP 110 13.5# TO 1400'
	08:30 - 09:00	0.50	CIRC	1	FILL CSG AND CIRC.
	09:00 - 11:00	2.00	CSG	2	RUN CSG 4600'
	11:00 - 11:30	0.50	CIRC	1	FILL CSG AND CIRC.@ 4600'
	11:30 - 13:00	1.50	CSG	2	RUN CSG TO 7291'
	13:00 - 14:00	1.00	CIRC	1	FILL CSG AND CIRC @ 7291' CIRC BOTTEMS UP
	14:00 - 15:00	1.00	CSG	1	RUN CSG TO 9500'
	15:00 - 15:30	0.50	CIRC	1	FILL CSG AND CIRC
	15:30 - 16:30	1.00	CSG	2	RUN CSG TO 11829'
	16:30 - 17:30	1.00	CIRC	1	FILL CSG AND CIRC GAS OUT OF HOLE.
	17:30 - 19:00	1.50	CSG	2	RUN CSG TO 13220' BRIDGE.
	19:00 - 20:00	1.00	REAM	2	WASH DOWN 3JTS OF CSG. TO TAG BOTTOM @ 13340'. RUN 293 JTS OF HCP-110 13.5# TO 13340'. TOP OF FLOAT @ 13293', MARKER @ 12555, MARKER @ 5981, MARKER @ 4383'.
	20:00 - 21:30	1.50	CIRC	1	CIRC AND COND MUD. REDUCE MUDWT TO 13.#

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**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name: TRUE

Spud Date: 4/1/2007  
Rig Release: 4/22/2007  
Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/10/2007	21:30 - 01:30	4.00	CMT	2	RIG UP HALIBURTON AND CEMENT WTH LEAD@ 13.5# 280 SX, TAIL 14# 680 SX. CIRC. THROUGH OUT. DIPLACE WITH 206.7 BBLS OF KCL WATER. FLOAT HELD
5/11/2007	01:30 - 06:00	4.50	CSG	7	NIPPLE DOWN, SET SLIPS @ 160000#, CUT CSG.
	06:00 - 07:30	1.50	CSG	6	CUT CSG. SET BACK DOWN STACK
	07:30 - 12:30	5.00	LOC	7	CLEAN PITS. RIG RELEASE 5/10/2007 12:30
	12:30 - 06:00	17.50	LOC	4	RIG DOWN. GET READY FOR TRUCKS.

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Well Name: RWS 6D-6-9-24  
Location: 6-9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/1/2007	06:00 - 16:00	10.00	LOG	4	<p>"TIGHT HOLE". Initial report of completion. On 5/24/07 SICP = 2400# with frac valve on tbg head (4-1/6"x10K). Suspect wet shoe. Attempt to RIH with gauge ring and could not get past 6'--suspect hydrates. SIFN.</p> <p>On 5/25/07 SICP = 2400#. Bled off well and RIH with gauge ring to 13213' - OK. Attempt to pressure test csg and went to 3000# with hot oiler and lost 150# in 10 minutes. RIH on Cutters WL and set CIBP @ 13213'. Pressure test csg to 3500# and held OK. Run a CBL/VDL/GR log from 13213' to 4000' under 3000# pressure. Correlated the CBL log to Halliburton Density Log dated 5/7/07 (#2) and Halliburton Density log dated 4/20/07 (#1). RDMO Cutters WL.</p> <p>On 5/29/07 MIRU Quick Test and Cameron. Install frac 10K frac head assembly and flowback manifold. Test csg and frac head to 8500# and held OK. RD companies. On 5/30/07 MIRU Cutters WL and perforate zone #1 (Dakota) interval as follows using a 3-1/8" csg gun at 3 JPF and 120" phasing per the CBL log dated 5/25/07: 12788' - 12792'; 12976' - 12980'; 12984' - 12988'; 13093' - 13104' &amp; 13142' - 13150' (84 holes). SI the well with no flow and RDMO Cutters WL.</p> <p>On 5/31/07 SICP = 850#. MIRU Halliburton frac crew, Pro-Technics, OWP Wireline and Quick Test. Frac gross perforated Dakota interval 12788' - 13150' down 4-1/2" csg using a 35# 2% KCL x-linked gel water system as follows: SICP = 850#. Pump a 12000 gal pad and pump 6700 gals of fluid with 0.5 to 1 ppg 100 mesh sand and stage 1 to 4 ppg 30/50 mesh sand in 23000 gals of fluid and flush with 8047 gals of slick water. Total of 30000# of Econoprop 30/50 and 31000# of 30/50 PRC sand. Total load of 1170 bbls. Total of 5600# of 100 mesh sand. Max rate = 53 BPM; avg rate = 40 BPM; max psi = 8218#; avg psi = 7115#; ISIP = 5560# (.87). Lubricate in a 4-1/2" comp frac plug and set at 12570'. Perforate the following Frontier intervals @ 3 JPF and 120" phasing per the CBL log dated 5/25/07 with a 2-1/2" csg gun: 12332' - 12333'; 12345' - 12346'; 12356' - 12357'; 12371' - 12372'; 12389' - 12390'; 12441' - 12442'; 12457' - 12458' and 12488' - 12489' (24 holes).</p> <p>Zone #2: Frontier (12332' - 12489') - Frac this interval using a linear gel 2% KCL water system as follows: Pump 400 gals to 15% HCL followed by a 12000 gal pad and stage 0.5 to 2 ppg 30/50 PRC sand in 28000 gals of fluid and flush with 7730 gals of slick water. Sand stages were tagged with Antimony. Total of 35000# of sand and a total load of 1200 bbls. Max rate = 42 BPM; avg rate = 38 BPM; max psi = 8396#, avg psi = 8000#; ISIP = 5532#. Lubricate in a 4-1/2" comp frac plug &amp; set at 12230'. Perforate per the above gun and log at 3 JPF the following Frontier intervals: 11934' - 11936'; 11964' - 11968'; 12140' - 12141'; 12150' - 12151'; 12179' - 12180' &amp; 12193' - 12194' (24 holes). SIFN.</p> <p>24 Hour Forecast: Frac.</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs: Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792' Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442'</p>

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/1/2007	06:00 - 16:00	10.00	LOG	4	<p>12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936'</p>
6/2/2007	06:00 - 16:00	10.00	STIM	3	<p>"TIGHT HOLE" Zone #3 Frontier - (11934' - 12194'): Frac this interval with a 2% KCL slick water system as follows: SICP = 5200#. Pump 400 gals of 15% HCL followed by a 20,000 gal pad and stage 0.2 to 0.75 ppg 30/50 PRC mesh sand in 60500 gals of fluid with 3 - 10000 gal spacers and flush with 7790 gals of slick water. Total of 34,060# of sand and a total load of 3057 bbls. Max rate = 40 BPM; avg rate = 33 BPM; Max psi = 8344#; avg psi = 7736#; ISIP = 5278# (.88). The sand stages were tagged with Scandium. Lubricate in a 4-1/2" comp frac plug and set at 11590'. Perforate per the CBL log dated 5/25/07 the following intervals @ 3 JPF and 120" phasing using a 2-1/2" csg gun. Mancos 11377' - 11378'; 11409' - 11410'; 11417' - 11418'; 11464' - 11465'; 11497' - 11498'; 11542' - 11543' &amp; 11556' - 11558' (24 holes). Zone #4 - Mancos - (11377' - 11558'): Frac this interval with a 2% KCL linear gel system as follows: Pump 400 gals HCL followed by a 12000 gal pad and stage 0.5 to 2 ppg 30/50 mesh PRC sand in 30,000 gals of fluid and flush with 7123 gals of slick water. Total of 36,200# of sand and a total load of 1181 bbls. Max rate = 40 BPM; avg rate = 35 BPM; max psi = 8262#; avg psi = 7835#; ISIP = 5000# (.87). Sand stages were tagged with Iridium. Lubricate in a comp frac plug and set at 11230'. Perforate the following Mancos zones per the above gun and log as follows: 11034' - 11035'; 11145' - 11146'; 11132' - 11133'; 11142' - 11143'; 11154' - 11155' &amp; 11194' - 11196'. Zone #5 - Mancos - (11034' - 11196'). Frac this interval down csg using a 2% KCL slick water system as follows: Pump 400 gals of 15% HCL and stage 0.2 to 0.75 ppg 30/50 PRC sand in 70500 gals of fluid with 3 spaces of 10,000 gals each and flush with 7790 gals of slick water. Total of 34060# of sand and a total load of 3057 bbls. Max rate = 40 BPM; avg rate = 33 BPM; max psi = 8344#; avg psi = 7736#; ISIP = 5276# (.88). All sand stages were tagged with Antimony. Lubricate in a comp frac plug &amp; set at 10830'. Perforate per the above gun and log at 3 JPF the following Mancos intervals: 10430' - 10431'; 10471' - 10472'; 10497' - 10498'; 10548' - 10549'; 10609' - 10610'; 10739' - 10740'; 10750' - 10751'; &amp; 10796' - 10797'. SIFN.  24 Hour Forecast: Continue Frac Job.  Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'  Perfs: Zone #1 Dakota 13142' - 13150'</p>

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/2/2007	06:00 - 16:00	10.00	STIM	3	<p>13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792' Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936' Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378' Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035'</p>
6/4/2007	06:00 - 16:00	10.00	STIM	3	<p>"TIGHT HOLE" On 6/2/07 frac Zone #6 - Mancos: (10430' - 10797'). Frac this zone as follows using a 2% KCL linear gel system: Pump 400 gals of 15% HCL followed by a 12,500 gal pad and stage 0.5 to 2 ppg 30/50 PRC sand in 29,000 gal of fluid &amp; flush with 6817 gals of slick water. Total of 35230# of sand and a total load of 1160 bbls. Max rate = 43 BPM; avg rate = 39 BPM; max psi = 7765#; avg psi = 6995#; ISIP = 4211# (.83). Tagged this zone with Scandium. Lubricate in a comp frac plug and set at 10140'. Perforate the following Mancos intervals as above: 9823' - 9824'; 9829' - 9830'; 9933' - 9934'; 9946' - 9947'; 9976' - 9977'; 9987' - 9988'; 10080' - 10081' &amp; 10101' - 10102'. Zone #7 - Mancos (9823' - 10102'): Frac this interval with a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL acid followed by a 20,000 gal pad and stage 0.2 to 0.75 ppg 30/50 PRC sand in 59,700 gals of fluid and flush with 6400 gals of slick water. Total of 22,000# of sand and a total load of 2473 bbls. Had an appearance of possible screenout so sand was cut early. Max rate = 46 BPM; avg rate = 43 BPM; max psi = 8232#; avg psi = 6676#; ISIP = 4070# (.85). Lubricate in a comp frac plug and set at 9580'. Perforate as previous the following</p>

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/4/2007	06:00 - 16:00	10.00	STIM	3	<p>Mancos 'B' zones: 9225' - 9226'; 9283' - 9284'; 9291' - 9292'; 9502' - 9503'; 9513' - 9514'; 9537' - 9538' &amp; 9539' - 9541'. Frac #7 was tagged with Iridium.</p> <p>Zone #8 - Mancos 'B' - (9225' - 9541'). Frac this interval with a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL and pump a 20,000 gal pad and stage 0.2 to 0.75 ppg 30/50 PRC sand in 69000 gals of fluid and flush with 5986 gals of slick water. Total of 35,000# of sand and a total load of 2803 bbls. Max rate = 51 BPM; avg rate = 47 BPM; max psi = 7638#; avg psi = 5817#; ISIP = 3388# (.80). This zone was tagged with Antimony. Lubricate in a comp frac plug and set @ 9040'. Perforate the following Blackhawk intervals as previous gun and log at 3 JPF: 8652' - 8654'; 8703' - 8704'; 8764' - 8765'; 8800' - 8801'; 8847' - 8848'; 8910' - 8911' &amp; 9001' - 9002'.</p> <p>Zone #9 - Blackhawk (8652' - 9002'): Frac this interval using a 13# linear gel 2% KCL system as follows: Pump 600 gals of 15% HCL and frac with a 17,000 gal pad and stage 0.5 to 2 ppg 30/50 mesh PRC sand in 75000 gals of fluid and flush with 5424 gals of slick water. Total of 101800# of sand and a total load of 2342 bbls. Max rate = 54 BPM; avg rate = 41 BPM; max psi = 8159#; avg psi = 6598#; ISIP = 3459#; (.83). Zone was tagged with Scandium. Lubricate in a comp frac plug and set @ 5250'. Perforate the following Wasatch intervals per same gun and log at 3 JPF: 4824' - 4828'; 5179' - 5185' &amp; 5206' - 5212' (48 holes). RDMO OWPP Wireline and Quick Test.</p> <p>Zone #10 - Wasatch: (4824' - 5212'): Frac this interval with a Delta 140 2% KCL x-linked gel water system as follows: Pump a 10700 gal pad and pump 1-3 ppg 30/50 PRC sand in 7000 gals of fluid and pump stages of 3-5 ppg and a 6 ppg 20/40 mesh Ottawa sand in 23,000 gal of fluid and flush with 3060 gals of slick water. Total of 14700# of 30/50 sand and a total of 103M# of 20/40 sand. Total load of 1060 bbls. max rate = 36 BPM; avg rate = 30 BPM; max psi = 8250#; avg psi = 4907#; ISIP = 1767# (.79). Frac was tagged with Iridium. SI the well and RDMO Halliburton. After a 2 hr SI period SICP = 1700#. Oopent he well on a 10/64" choke @ 8:30 PM on 6/2/07. Continue to flow the csg on a 10/64" choke overnight and at 7:00 AM on 6/3/07 FCP = 1500# on a 10/64" choke with it to heavy sand at an est rate of 30 BPH for an est rec of 315 bbls in the last 10-1/2 hours with no gas. Continue to flow the well to the pit. At 5:00 AM on 6/4/07 FCP = 1550# on 1 10/64" choke with light sand at an est rate of 20 BPH of water.</p> <p>24 Hour Forecast: Flow back.</p> <p>LLTR: 18840 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs: Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792' Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390'</p>

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Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/4/2007	06:00 - 16:00	10.00	STIM	3	12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936' Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378' Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035' Zone #6 - Mancos 10796' - 10797' 10750' - 10751' 10739' - 10740' 10609' - 10610' 10548' - 10549' 10497' - 10498' 10471' - 10472' 10430' - 10431' Zone #7 - Mancos 10101' - 10102' 10080' - 10081' 9987' - 9988' 9976' - 9977' 9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/4/2007	06:00 - 16:00	10.00	STIM	3	<p>9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'</p>
6/5/2007	06:00 - 16:00	10.00	TRP	9	<p>"Tight Hole" At 6:00 AM on 6/5/07 FCP = 1650# on a 10/64" choke with an est rate of 15 BPH with a trace of sand and an est cumulative recovery of 1305 bbls with no gas. On PM of 6/4/07 MIRU IPS coil tbq unit, Parchman Services and related equipment.</p> <p>24 Hour Forecast: Will start to clean out well with coil tbq.</p> <p>LLTR: 18395 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:</p> <p>Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792'</p> <p>Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233'</p> <p>Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936'</p> <p>Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418'</p>

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Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/5/2007	06:00 - 16:00	10.00	TRP	9	<p>11409' - 11410'</p> <p>11377' - 11378'</p> <p>Zone #5 - Mancos</p> <p>11194' - 11196'</p> <p>11154' - 11155'</p> <p>11142' - 11143'</p> <p>11132' - 11133'</p> <p>11045' - 11046'</p> <p>11034' - 11035'</p> <p>Zone #6 - Mancos</p> <p>10796' - 10797'</p> <p>10750' - 10751'</p> <p>10739' - 10740'</p> <p>10609' - 10610'</p> <p>10548' - 10549'</p> <p>10497' - 10498'</p> <p>10471' - 10472'</p> <p>10430' - 10431'</p> <p>Zone #7 - Mancos</p> <p>10101' - 10102'</p> <p>10080' - 10081'</p> <p>9987' - 9988'</p> <p>9976' - 9977'</p> <p>9946' - 9947'</p> <p>9933' - 9934'</p> <p>9829' - 9830'</p> <p>9823' - 9824'</p> <p>Zone #8 - Mancos - 'B'</p> <p>9539' - 9541'</p> <p>9537' - 9538'</p> <p>9513' - 9514'</p> <p>9502' - 9503'</p> <p>9291' - 9292'</p> <p>9283' - 9284'</p> <p>9225' - 9226'</p> <p>Zone #9 - Blackhawk</p> <p>9001' - 9002'</p> <p>8910' - 8911'</p> <p>8847' - 8848'</p> <p>8800' - 8801'</p> <p>8764' - 8765'</p> <p>8703' - 8704'</p> <p>8652' - 8654'</p> <p>Zone #10 - Wasatch</p> <p>5206' - 5212'</p> <p>5179' - 5185'</p> <p>4824' - 4828'</p>
6/6/2007	06:00 - 16:00	10.00	DRL	5	<p>"Tight Hole"</p> <p>On 6/5/07 RU IPS Coil Tbg Unit, Parchman and related services. RIH with a 3.7" Baker Mill and mud motor and 1-3/4" coil tbg. Drill out composite frac plugs @ 5250'; 9040'; 9580'; 10140'; 10830'; 11230'; 12230' &amp; 12570'. Circ down to new PBTD of 13190'. Circ hole clean and POOH with mill and motor and coil tbg. Left</p>

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/6/2007	06:00 - 16:00	10.00	DRL	5	<p>well flowing thru Parchman with gas going to sales. At 6:00 AM on 6/6/07 FCP = 1400# on a 28/64" choke with 80 BPH of liquid at a rate of 1.7 MMCFD and recovered 1290 bbls of fluid since 6:00 AM on 6/5/07. Have also recovered 38 bbls of condensate in the last 16 hours with lite sand.</p> <p>24 Hour Forecast: Will continue to flow thru Parchman &amp; to gas sales today.</p> <p>LLTR: 17105 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:</p> <p>Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792'</p> <p>Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233'</p> <p>Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936'</p> <p>Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378'</p> <p>Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035'</p> <p>Zone #6 - Mancos 10796' - 10797' 10750' - 10751'</p>

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/6/2007	06:00 - 16:00	10.00	DRL	5	<p>10739' - 10740' 10609' - 10610' 10548' - 10549' 10497' - 10498' 10471' - 10472 10430' - 10431' Zone #7 - Mancos 10101' - 10102' 10080' - 10081' 9987' - 9988' 9976' - 9977' 9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'</p>
6/7/2007	06:00 - 16:00	10.00	DRL	5	<p>"Tight Hole"</p> <p>On 6/5/07 RU IPS Coil Tbg Unit, Parchman and related services. RIH with a 3.7" Baker Mill and mud motor and 1-3/4" coil tbg. Drill out composite frac plugs @ 5250'; 9040'; 9580'; 10140'; 10830'; 11230'; 12230' &amp; 12570'. Circ down to new PBTD of 13190'. Circ hole clean and POOH with mill and motor and coil tbg. Left well flowing thru Parchman with gas going to sales. At 6:00 AM on 6/6/07 FCP = 1400# on a 28/64" choke with 80 BPH of liquid at a rate of 1.7 MMCFD and recovered 1290 bbls of fluid since 6:00 AM on 6/5/07. Have also recovered 38 bbls of condensate in the last 16 hours with lite sand.</p> <p>At 6:00 AM on 6/7/07 FCP = 925# on a 32/64" choke thru Parchman and selling at 1.65 MMCFPD with 52 bbls of water an hour and lite sand with 28 bbls of condensate recovered in the last 24 hours and 1585 bbls of water in the last hour.</p> <p>24 Hour Forecast: Will continue to flow thru Parchman to clean up well.</p> <p>LLTR: 15545 bbls</p>

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/7/2007	06:00 - 16:00	10.00	DRL	5	<p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:</p> <p>Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792'</p> <p>Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233'</p> <p>Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936'</p> <p>Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378'</p> <p>Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035'</p> <p>Zone #6 - Mancos 10796' - 10797' 10750' - 10751' 10739' - 10740' 10609' - 10610' 10548' - 10549' 10497' - 10498' 10471' - 10472' 10430' - 10431'</p> <p>Zone #7 - Mancos 10101' - 10102'</p>

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/7/2007	06:00 - 16:00	10.00	DRL	5	<p>10080' - 10081' 9987' - 9988' 9976' - 9977' 9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'</p>
6/8/2007	06:00 - 16:00	10.00	CIRC	1	<p>"Tight Hole"</p> <p>On 6/5/07 RU IPS Coil Tbg Unit, Parchman and related services. RIH with a 3.7" Baker Mill and mud motor and 1-3/4" coil tbg. Drill out composite frac plugs @ 5250'; 9040'; 9580'; 10140'; 10830'; 11230'; 12230' &amp; 12570'. Circ down to new PBTD of 13190'. Circ hole clean and POOH with mill and motor and coil tbg. Left well flowing thru Parchman with gas going to sales. At 6:00 AM on 6/6/07 FCP = 1400# on a 28/64" choke with 80 BPH of liquid at a rate of 1.7 MMCFD and recovered 1290 bbls of fluid since 6:00 AM on 6/5/07. Have also recovered 38 bbls of condensate in the last 16 hours with lite sand.</p> <p>At 6:00 AM on 6/7/07 FCP = 925# on a 32/64" choke thru Parchman and selling at 1.65 MMCFPD with 52 bbls of water an hour and lite sand with 28 bbls of condensate recovered in the last 24 hours and 1585 bbls of water in the last hour.</p> <p>At 6:00 AM on 6/8/07 FCP = 675# on a 34/64" choke with a flowing gas rate of 1.56 MMCFPD at a rate of 45 BPH of water and 22 bbls of condensate in the last 24 hours and a total of 1347 bbls of water in the last 24 hours and a trace of sand. Continue to flow thru Parchman.</p> <p>24 Hour Forecast: Will continue to flow thru Parchman.</p> <p>LLTR: 14198 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p>

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Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/8/2007	06:00 - 16:00	10.00	CIRC	1	<p>Perfs:</p> <p>Zone #1 Dakota</p> <p>13142' - 13150'</p> <p>13096' - 13104'</p> <p>12964' - 12988'</p> <p>12976' - 12980'</p> <p>12788' - 12792'</p> <p>Zone #2 Frontier</p> <p>12488' - 12489'</p> <p>12457' - 12458'</p> <p>12441' - 12442'</p> <p>12389' - 12390'</p> <p>12371' - 12372'</p> <p>12356' - 12357'</p> <p>12345' - 12346'</p> <p>12332' - 1233'</p> <p>Zone #3 Frontier</p> <p>12193' - 12194'</p> <p>12179' - 12180'</p> <p>12150' - 12151'</p> <p>12140' - 12141'</p> <p>11964' - 12966'</p> <p>11934' - 11936'</p> <p>Zone #4 - Mancos</p> <p>11556' - 11558'</p> <p>11542' - 11543'</p> <p>11497' - 11498'</p> <p>11464' - 11465'</p> <p>11417' - 11418'</p> <p>11409' - 11410'</p> <p>11377' - 11378'</p> <p>Zone #5 - Mancos</p> <p>11194' - 11196'</p> <p>11154' - 11155'</p> <p>11142' - 11143'</p> <p>11132' - 11133'</p> <p>11045' - 11046'</p> <p>11034' - 11035'</p> <p>Zone #6 - Mancos</p> <p>10796' - 10797'</p> <p>10750' - 10751'</p> <p>10739' - 10740'</p> <p>10609' - 10610'</p> <p>10548' - 10549'</p> <p>10497' - 10498'</p> <p>10471' - 10472'</p> <p>10430' - 10431'</p> <p>Zone #7 - Mancos</p> <p>10101' - 10102'</p> <p>10080' - 10081'</p> <p>9987' - 9988'</p> <p>9976' - 9977'</p>

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/8/2007	06:00 - 16:00	10.00	CIRC	1	9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'

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Well Name: RWS 6D-6-9-24			Spud Date: 4/1/2007		
Location: 6-9-S 24-E 26			Rig Release:		
Rig Name:			Rig Number:		
43-042-37413					
Date	From - To	Hours	Code	Sub Code	Description of Operations
6/1/2007	06:00 - 16:00	10.00	LOG	4	<p>"TIGHT HOLE". Initial report of completion. On 5/24/07 SICP = 2400# with frac valve on tbq head (4-1/6"x10K). Suspect wet shoe. Attempt to RIH with gauge ring and could not get past 6'--suspect hydrates. SIFN.</p> <p>On 5/25/07 SICP = 2400#. Bled off well and RIH with gauge ring to 13213' - OK. Attempt to pressure test csg and went to 3000# with hot oiler and lost 150# in 10 minutes. RIH on Cutters WL and set CIBP @ 13213'. Pressure test csg to 3500# and held OK. Run a CBL/VDL/GR log from 13213' to 4000' under 3000# pressure. Correlated the CBL log to Halliburton Density Log dated 5/7/07 (#2) and Halliburton Density log dated 4/20/07 (#1). RDMO Cutters WL.</p> <p>On 5/29/07 MIRU Quick Test and Cameron. Install frac 10K frac head assembly and flowback manifold. Test csg and frac head to 8500# and held OK. RD companies. On 5/30/07 MIRU Cutters WL and perforate zone #1 (Dakota) interval as follows using a 3-1/8" csg gun at 3 JPF and 120" phasing per the CBL log dated 5/25/07: 12788' - 12792'; 12976' - 12980'; 12984' - 12988'; 13093' - 13104' &amp; 13142' - 13150' (84 holes). SI the well with no flow and RDMO Cutters WL.</p> <p>On 5/31/07 SICP = 850#. MIRU Halliburton frac crew, Pro-Technics, OWP Wireline and Quick Test. Frac gross perforated Dakota interval 12788' - 13150' down 4-1/2" csg using a 35# 2% KCL x-linked gel water system as follows: SICP = 850#. Pump a 12000 gal pad and pump 6700 gals of fluid with 0.5 to 1 ppg 100 mesh sand and stage 1 to 4 ppg 30/50 mesh sand in 23000 gals of fluid and flush with 8047 gals of slick water. Total of 30000# of Econoprop 30/50 and 31000# of 30/50 PRC sand. Total load of 1170 bbls. Total of 5600# of 100 mesh sand. Max rate = 53 BPM; avg rate = 40 BPM; max psi = 8218#; avg psi = 7115#; ISIP = 5560# (.87). Lubricate in a 4-1/2" comp frac plug and set at 12570'. Perforate the following Frontier intervals @ 3 JPF and 120" phasing per the CBL log dated 5/25/07 with a 2-1/2" csg gun: 12332' - 12333'; 12345' - 12346'; 12356' - 12357'; 12371' - 12372'; 12389' - 12390'; 12441' - 12442'; 12457' - 12458' and 12488' - 12489' (24 holes).</p> <p>Zone #2: Frontier (12332' - 12489') - Frac this interval using a linear gel 2% KCL water system as follows: Pump 400 gals to 15% HCL followed by a 12000 gal pad and stage 0.5 to 2 ppg 30/50 PRC sand in 28000 gals of fluid and flush with 7730 gals of slick water. Sand stages were tagged with Antimony. Total of 35000# of sand and a total load of 1200 bbls. Max rate = 42 BPM; avg rate = 38 BPM; max psi = 8396#, avg psi = 8000#; ISIP = 5532#. Lubricate in a 4-1/2" comp frac plug &amp; set at 12230'. Perforate per the above gun and log at 3 JPF the following Frontier intervals: 11934' - 11936'; 11964' - 11968'; 12140' - 12141'; 12150' - 12151'; 12179' - 12180' &amp; 12193' - 12194' (24 holes). SIFN.</p> <p>24 Hour Forecast: Frac.</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293'</p> <p>Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:</p> <p>Zone #1 Dakota</p> <p>13142' - 13150'</p> <p>13096' - 13104'</p> <p>12964' - 12988'</p> <p>12976' - 12980'</p> <p>12788' - 12792'</p> <p>Zone #2 Frontier</p> <p>12488' - 12489'</p> <p>12457' - 12458'</p> <p>12441' - 12442'</p>

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Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/1/2007	06:00 - 16:00	10.00	LOG	4	<p>12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936'</p>
6/2/2007	06:00 - 16:00	10.00	STIM	3	<p>"TIGHT HOLE"</p> <p>Zone #3 Frontier - (11934' - 12194'): Frac this interval with a 2% KCL slick water system as follows: SICIP = 5200#. Pump 400 gals of 15% HCL followed by a 20,000 gal pad and stage 0.2 to 0.75 ppg 30/50 PRC mesh sand in 60500 gals of fluid with 3 - 10000 gal spacers and flush with 7790 gals of slick water. Total of 34,060# of sand and a total load of 3057 bbls. Max rate = 40 BPM; avg rate = 33 BPM; Max psi = 8344#; avg psi = 7736#; ISIP = 5278# (.88). The sand stages were tagged with Scandium. Lubricate in a 4-1/2" comp frac plug and set at 11590'. Perforate per the CBL log dated 5/25/07 the following intervals @ 3 JPF and 120" phasing using a 2-1/2" csg gun. Mancos 11377' - 11378'; 11409' - 11410'; 11417' - 11418'; 11464' - 11465'; 11497' - 11498'; 11542' - 11543' &amp; 11556' - 11558' (24 holes).</p> <p>Zone #4 - Mancos - (11377' - 11558'): Frac this interval with a 2% KCL linear gal system as follows: Pump 400 gals HCL followed by a 12000 gal pad and stage 0.5 to 2 ppg 30/50 mesh PRC sand in 30,000 gals of fluid and flush with 7123 gals of slick water. Total of 36,200# of sand and a total load of 1181 bbls. Max rate = 40 BPM; avg rate = 35 BPM; max psi = 8262#; avg psi = 7835#; ISIP = 5000# (.87). Sand stages were tagged with Iridium. Lubricate in a comp frac plug and set at 11230'. Perforate the following Mancos zones per the above gun and log as follows: 11034' - 11035'; 11145' - 11146'; 11132' - 11133'; 11142' - 11143'; 11154' - 11155' &amp; 11194' - 11196'.</p> <p>Zone #5 - Mancos - (11034' - 11196'). Frac this interval down csg using a 2% KCL slick water system as follows: Pump 400 gals of 15% HCL and stage 0.2 to 0.75 ppg 30/50 PRC sand in 70500 gals of fluid with 3 spaces of 10,000 gals each and flush with 7790 gals of slick water. Total of 34060# of sand and a total load of 3057 bbls. Max rate = 40 BPM; avg rate = 33 BPM; max psi = 8344#; avg psi = 7736#; ISIP = 5276# (.88). All sand stages were tagged with Antimony. Lubricate in a comp frac plug &amp; set at 10830'. Perforate per the above gun and log at 3 JPF the following Mancos intervals: 10430' - 10431'; 10471' - 10472'; 10497' - 10498'; 10548' - 10549'; 10609' - 10610'; 10739' - 10740'; 10750' - 10751'; &amp; 10796' - 10797'. SIFN.</p> <p>24 Hour Forecast: Continue Frac Job.</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs: Zone #1 Dakota 13142' - 13150'</p>

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Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/2/2007	06:00 - 16:00	10.00	STIM	3	<p>13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792' Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936' Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378' Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035'</p>
6/4/2007	06:00 - 16:00	10.00	STIM	3	<p>"TIGHT HOLE"</p> <p>On 6/2/07 frac Zone #6 - Mancos: (10430' - 10797'). Frac this zone as follows using a 2% KCL linear gel system: Pump 400 gals of 15% HCL followed by a 12,500 gal pad and stage 0.5 to 2 ppg 30/50 PRC sand in 29,000 gal of fluid &amp; flush with 6817 gals of slick water. Total of 35230# of sand and a total load of 1160 bbls. Max rate = 43 BPM; avg rate = 39 BPM; max psi = 7765#; avg psi = 6995#; ISIP = 4211# (.83). Tagged this zone with Scandium. Lubricate in a comp frac plug and set at 10140'. Perforate the following Mancos intervals as above: 9823' - 9824'; 9829' - 9830'; 9933' - 9934'; 9946' - 9947'; 9976' - 9977'; 9987' - 9988'; 10080' - 10081' &amp; 10101' - 10102'.</p> <p>Zone #7 - Mancos (9823' - 10102'): Frac this interval with a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL acid followed by a 20,000 gal pad and stage 0.2 to 0.75 ppg 30/50 PRC sand in 59,700 gals of fluid and flush with 6400 gals of slick water. Total of 22,000# of sand and a total load of 2473 bbls. Had an appearance of possible screenout so sand was cut early. Max rate = 46 BPM; avg rate = 43 BPM; max psi = 8232#; avg psi = 6676#; ISIP = 4070# (.85). Lubricate in a comp frac plug and set at 9580'. Perforate as previous the following</p>

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/4/2007	06:00 - 16:00	10.00	STIM	3	<p>Mancos 'B' zones: 9225' - 9226'; 9283' - 9284'; 9291' - 9292'; 9502' - 9503'; 9513' - 9514'; 9537' - 9538' &amp; 9539' - 9541'. Frac #7 was tagged with Iridium.</p> <p>Zone #8 - Mancos 'B' - (9225' - 9541'). Frac this interval with a 2% KCL slickwater system as follows: Pump 400 gals of 15% HCL and pump a 20,000 gal pad and stage 0.2 to 0.75 ppg 30/50 PRC sand in 69000 gals of fluid and flush with 5986 gals of slick water. Total of 35,000# of sand and a total load of 2803 bbls. Max rate = 51 BPM; avg rate = 47 BPM; max psi = 7638#; acg psi = 5817#; ISIP = 3388# (.80). This zone was tagged with Antimony. Lubricate in a comp frac plug and set @ 9040'. Perforate the following Blackhawk intervals as previous gun and log at 3 JPF: 8652' - 8654'; 8703' - 8704'; 8764' - 8765'; 8800' - 8801'; 8847' - 8848'; 8910' - 8911' &amp; 9001' - 9002'.</p> <p>Zone #9 - Blackhawk (8652' - 9002'): Frac this interval using a 13# linear gel 2% KCL system as follows: Pump 600 gals of 15% HCL and frac with a 17,000 gal pad and stage 0.5 to 2 ppg 30/50 mesh PRC sand in 75000 gals of fluid and flush with 5424 gals of slick water. Total of 101800# of sand and a total load of 2342 bbls. Max rate = 54 BPM; avg rate = 41 BPM; max psi = 8159#; avg psi = 6598#; ISIP = 3459#; (.83). Zone was tagged with Scandium. Lubricate in a comp frac plug and set @ 5250'. Perforate the following Wasatch intervals per same gun and log at 3 JPF: 4824' - 4828'; 5179' - 5185' &amp; 5206' - 5212' (48 holes). RDMO OWP Wireline and Quick Test.</p> <p>Zone #10 - Wasatch: (4824' - 5212'): Frac this interval with a Delta 140 2% KCL x-linked gel water system as follows: Pump a 10700 gal pad and pump 1-3 ppg 30/50 PRC sand in 7000 gal of fluid and pump stages of 3-5 ppg and a 6 ppg 20/40 mesh Ottawa sand in 23,000 gal of fluid and flush with 3060 gals of slick water. Total of 14700# of 30/50 sand and a total of 103M# of 20/40 sand. Total load of 1060 bbls. max rate = 36 BPM; avg rate = 30 BPM; max psi = 8250#; avg psi = 4907#; ISIP = 1767# (.79). Frac was tagged with Iridium. SI the well and RDMO Halliburton. After a 2 hr SI period SICP = 1700#. Open the well on a 10/64" choke @ 8:30 PM on 6/2/07. Continue to flow the csg on a 10/64" choke overnight and at 7:00 AM on 6/3/07 FCP = 1500# on a 10/64" choke with it to heavy sand at an est rate of 30 BPH for an est rec of 315 bbls in the last 10-1/2 hours with no gas. Continue to flow the well to the pit. At 5:00 AM on 6/4/07 FCP = 1550# on 1 10/64" choke with light sand at an est rate of 20 BPH of water.</p> <p>24 Hour Forecast: Flow back.</p> <p>LLTR: 18840 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293'  Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:  Zone #1 Dakota  13142' - 13150'  13096' - 13104'  12964' - 12988'  12976' - 12980'  12788' - 12792'  Zone #2 Frontier  12488' - 12489'  12457' - 12458'  12441' - 12442'  12389' - 12390'</p>

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Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/4/2007	06:00 - 16:00	10.00	STIM	3	12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936' Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378' Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035' Zone #6 - Mancos 10796' - 10797' 10750' - 10751' 10739' - 10740' 10609' - 10610' 10548' - 10549' 10497' - 10498' 10471' - 10472' 10430' - 10431' Zone #7 - Mancos 10101' - 10102' 10080' - 10081' 9987' - 9988' 9976' - 9977' 9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/4/2007	06:00 - 16:00	10.00	STIM	3	<p>9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'</p>
6/5/2007	06:00 - 16:00	10.00	TRP	9	<p>"Tight Hole" At 6:00 AM on 6/5/07 FCP = 1650# on a 10/64" choke with an est rate of 15 BPH with a trace of sand and an est cumulative recovery of 1305 bbls with no gas. On PM of 6/4/07 MIRU IPS coil tbg unit, Parchman Services and related equipment.</p> <p>24 Hour Forecast: Will start to clean out well with coil tbg.</p> <p>LLTR: 18395 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:</p> <p>Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792' Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936' Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418'</p>

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/5/2007	06:00 - 16:00	10.00	TRP	9	11409' - 11410' 11377' - 11378' Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035' Zone #6 - Mancos 10796' - 10797' 10750' - 10751' 10739' - 10740' 10609' - 10610' 10548' - 10549' 10497' - 10498' 10471' - 10472' 10430' - 10431' Zone #7 - Mancos 10101' - 10102' 10080' - 10081' 9987' - 9988' 9976' - 9977' 9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'
6/6/2007	06:00 - 16:00	10.00	DRL	5	"Tight Hole" On 6/5/07 RU IPS Coil Tbg Unit, Parchman and related services. RIH with a 3.7" Baker Mill and mud motor and 1-3/4" coil tbg. Drill out composite frac plugs @ 5250'; 9040'; 9580'; 10140'; 10830'; 11230'; 12230' & 12570'. Circ down to new PBTD of 13190'. Circ hole clean and POOH with mill and motor and coil tbg. Left

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Date	From - To	Hours	Code	Sub Code	Description of Operations
6/6/2007	06:00 - 16:00	10.00	DRL	5	<p>well flowing thru Parchman with gas going to sales. At 6:00 AM on 6/6/07 FCP = 1400# on a 28/64" choke with 80 BPH of liquid at a rate of 1.7 MMCFD and recovered 1290 bbls of fluid since 6:00 AM on 6/5/07. Have also recovered 38 bbls of condensate in the last 16 hours with lite sand.</p> <p>24 Hour Forecast: Will continue to flow thru Parchman &amp; to gas sales today.</p> <p>LLTR: 17105 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:</p> <p>Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792' Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936' Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378' Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035' Zone #6 - Mancos 10796' - 10797' 10750' - 10751'</p>

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Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/6/2007	06:00 - 16:00	10.00	DRL	5	<p>10739' - 10740'</p> <p>10609' - 10610'</p> <p>10548' - 10549'</p> <p>10497' - 10498'</p> <p>10471' - 10472</p> <p>10430' - 10431'</p> <p>Zone #7 - Mancos</p> <p>10101' - 10102'</p> <p>10080' - 10081'</p> <p>9987' - 9988'</p> <p>9976' - 9977'</p> <p>9946' - 9947'</p> <p>9933' - 9934'</p> <p>9829' - 9830'</p> <p>9823' - 9824'</p> <p>Zone #8 - Mancos - 'B'</p> <p>9539' - 9541'</p> <p>9537' - 9538'</p> <p>9513' - 9514'</p> <p>9502' - 9503'</p> <p>9291' - 9292'</p> <p>9283' - 9284'</p> <p>9225' - 9226'</p> <p>Zone #9 - Blackhawk</p> <p>9001' - 9002'</p> <p>8910' - 8911'</p> <p>8847' - 8848'</p> <p>8800' - 8801'</p> <p>8764' - 8765'</p> <p>8703' - 8704'</p> <p>8652' - 8654'</p> <p>Zone #10 - Wasatch</p> <p>5206' - 5212'</p> <p>5179' - 5185'</p> <p>4824' - 4828'</p>
6/7/2007	06:00 - 16:00	10.00	DRL	5	<p>"Tight Hole"</p> <p>On 6/5/07 RU IPS Coil Tbg Unit, Parchman and related services. RIH with a 3.7" Baker Mill and mud motor and 1-3/4" coil tbg. Drill out composite frac plugs @ 5250'; 9040'; 9580'; 10140'; 10830'; 11230'; 12230' &amp; 12570'. Circ down to new PBTD of 13190'. Circ hole clean and POOH with mill and motor and coil tbg. Left well flowing thru Parchman with gas going to sales. At 6:00 AM on 6/6/07 FCP = 1400# on a 28/64" choke with 80 BPH of liquid at a rate of 1.7 MMCFD and recovered 1290 bbls of fluid since 6:00 AM on 6/5/07. Have also recovered 38 bbls of condensate in the last 16 hours with lite sand.</p> <p>At 6:00 AM on 6/7/07 FCP = 925# on a 32/64" choke thru Parchman and selling at 1.65 MMCFPD with 52 bbls of water an hour and lite sand with 28 bbls of condensate recovered in the last 24 hours and 1585 bbls of water in the last hour.</p> <p>24 Hour Forecast: Will continue to flow thru Parchman to clean up well.</p> <p>LLTR: 15545 bbls</p>

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**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/7/2007	06:00 - 16:00	10.00	DRL	5	<p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs:</p> <p>Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792'</p> <p>Zone #2 Frontier 12488' - 12489' 12457' - 12458' 12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233'</p> <p>Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936'</p> <p>Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378'</p> <p>Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035'</p> <p>Zone #6 - Mancos 10796' - 10797' 10750' - 10751' 10739' - 10740' 10609' - 10610' 10548' - 10549' 10497' - 10498' 10471' - 10472' 10430' - 10431'</p> <p>Zone #7 - Mancos 10101' - 10102'</p>

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**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/7/2007	06:00 - 16:00	10.00	DRL	5	<p>10080' - 10081' 9987' - 9988' 9976' - 9977' 9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'</p>
6/8/2007	06:00 - 16:00	10.00	CIRC	1	<p>"Tight Hole" On 6/5/07 RU IPS Coil Tbg Unit, Parchman and related services. RIH with a 3.7" Baker Mill and mud motor and 1-3/4" coil tbg. Drill out composite frac plugs @ 5250'; 9040'; 9580'; 10140'; 10830'; 11230'; 12230' &amp; 12570'. Circ down to new PBD of 13190'. Circ hole clean and POOH with mill and motor and coil tbg. Left well flowing thru Parchman with gas going to sales. At 6:00 AM on 6/6/07 FCP = 1400# on a 28/64" choke with 80 BPH of liquid at a rate of 1.7 MMCFD and recovered 1290 bbls of fluid since 6:00 AM on 6/5/07. Have also recovered 38 bbls of condensate in the last 16 hours with lite sand.</p> <p>At 6:00 AM on 6/7/07 FCP = 925# on a 32/64" choke thru Parchman and selling at 1.65 MMCFPD with 52 bbls of water an hour and lite sand with 28 bbls of condensate recovered in the last 24 hours and 1585 bbls of water in the last hour.</p> <p>At 6:00 AM on 6/8/07 FCP = 675# on a 34/64" choke with a flowing gas rate of 1.56 MMCFPD at a rate of 45 BPH of water and 22 bbls of condensate in the last 24 hours and a total of 1347 bbls of water in the last 24 hours and a trace of sand. Continue to flow thru Parchman.</p> <p>24 Hour Forecast: Will continue to flow thru Parchman.</p> <p>LLTR: 14198 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p>

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**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/8/2007	06:00 - 16:00	10.00	CIRC	1	<p>Perfs:</p> <p>Zone #1 Dakota</p> <p>13142' - 13150'</p> <p>13096' - 13104'</p> <p>12964' - 12988'</p> <p>12976' - 12980'</p> <p>12788' - 12792'</p> <p>Zone #2 Frontier</p> <p>12488' - 12489'</p> <p>12457' - 12458'</p> <p>12441' - 12442'</p> <p>12389' - 12390'</p> <p>12371' - 12372'</p> <p>12356' - 12357'</p> <p>12345' - 12346'</p> <p>12332' - 1233'</p> <p>Zone #3 Frontier</p> <p>12193' - 12194'</p> <p>12179' - 12180'</p> <p>12150' - 12151'</p> <p>12140' - 12141'</p> <p>11964' - 12966'</p> <p>11934' - 11936'</p> <p>Zone #4 - Mancos</p> <p>11556' - 11558'</p> <p>11542' - 11543'</p> <p>11497' - 11498'</p> <p>11464' - 11465'</p> <p>11417' - 11418'</p> <p>11409' - 11410'</p> <p>11377' - 11378'</p> <p>Zone #5 - Mancos</p> <p>11194' - 11196'</p> <p>11154' - 11155'</p> <p>11142' - 11143'</p> <p>11132' - 11133'</p> <p>11045' - 11046'</p> <p>11034' - 11035'</p> <p>Zone #6 - Mancos</p> <p>10796' - 10797'</p> <p>10750' - 10751'</p> <p>10739' - 10740'</p> <p>10609' - 10610'</p> <p>10548' - 10549'</p> <p>10497' - 10498'</p> <p>10471' - 10472'</p> <p>10430' - 10431'</p> <p>Zone #7 - Mancos</p> <p>10101' - 10102'</p> <p>10080' - 10081'</p> <p>9987' - 9988'</p> <p>9976' - 9977'</p>

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**Questar E & P**  
**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/8/2007	06:00 - 16:00	10.00	CIRC	1	<p>9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'</p>
6/11/2007	06:00 - 16:00	10.00	PTST	2	<p>"Tight Hole"</p> <p>At 6:00 AM on 6/9/07 FCP = 625# on a 34/64" choke at a gas rate of 1.88 MCFPD via sales thru Parchman and a water rate of 49 BPH for a recovery of 1045 bbls of water in the last 24 hours and 15 bbls of condensate in the last 24 hours. Continue to flow.</p> <p>At 6:00 AM on 6/10/07 FCP = 625# on a 34/64" choke at a gas rate of 2.19 MMCFPD via sales thru Parchman and a water rate of 36 BPH for a 24 hour recovery of 961 bbls and 15 bbls of condensate. Continue to flow.</p> <p>At 6:00 AM on 6/11/07 FCP = 630# on a 34/64" choke at a gas rate of 2.2 MCFPD via sales through Parchman and a water rate of 37 BPH for a 24 hour total of 846 bbls and 12 bbls of condensate in the last 24 hours. Will RD Parchman today and send entire production thru production facilities.</p> <p>LLTR: 11346 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs: Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792'</p>

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**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/11/2007	06:00 - 16:00	10.00	PTST	2	<p>Zone #2 Frontier</p> <p>12488' - 12489'</p> <p>12457' - 12458'</p> <p>12441' - 12442'</p> <p>12389' - 12390'</p> <p>12371' - 12372'</p> <p>12356' - 12357'</p> <p>12345' - 12346'</p> <p>12332' - 1233'</p> <p>Zone #3 Frontier</p> <p>12193' - 12194'</p> <p>12179' - 12180'</p> <p>12150' - 12151'</p> <p>12140' - 12141'</p> <p>11964' - 12966'</p> <p>11934' - 11936'</p> <p>Zone #4 - Mancos</p> <p>11556' - 11558'</p> <p>11542' - 11543'</p> <p>11497' - 11498'</p> <p>11464' - 11465'</p> <p>11417' - 11418'</p> <p>11409' - 11410'</p> <p>11377' - 11378'</p> <p>Zone #5 - Mancos</p> <p>11194' - 11196'</p> <p>11154' - 11155'</p> <p>11142' - 11143'</p> <p>11132' - 11133'</p> <p>11045' - 11046'</p> <p>11034' - 11035'</p> <p>Zone #6 - Mancos</p> <p>10796' - 10797'</p> <p>10750' - 10751'</p> <p>10739' - 10740'</p> <p>10609' - 10610'</p> <p>10548' - 10549'</p> <p>10497' - 10498'</p> <p>10471' - 10472'</p> <p>10430' - 10431'</p> <p>Zone #7 - Mancos</p> <p>10101' - 10102'</p> <p>10080' - 10081'</p> <p>9987' - 9988'</p> <p>9976' - 9977'</p> <p>9946' - 9947'</p> <p>9933' - 9934'</p> <p>9829' - 9830'</p> <p>9823' - 9824'</p> <p>Zone #8 - Mancos - 'B'</p> <p>9539' - 9541'</p> <p>9537' - 9538'</p> <p>9513' - 9514'</p>

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**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/11/2007	06:00 - 16:00	10.00	PTST	2	<p>9502' - 9503' 9291' - 9292' 9283' - 9284' 9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'</p>
6/12/2007	06:00 - 16:00	10.00	OTH		<p>"Tight Hole"</p> <p>At 6:00 AM on 6/9/07 FCP = 625# on a 34/64" choke at a gas rate of 1.88 MCFPD via sales thru Parchman and a water rate of 49 BPH for a recovery of 1045 bbls of water in the last 24 hours and 15 bbls of condensate in the last 24 hours. Continue to flow.</p> <p>At 6:00 AM on 6/10/07 FCP = 625# on a 34/64" choke at a gas rate of 2.19 MMCFPD via sales thru Parchman and a water rate of 36 BPH for a 24 hour recovery of 961 bbls and 15 bbls of condensate. Continue to flow.</p> <p>At 6:00 AM on 6/11/07 FCP = 630# on a 34/64" choke at a gas rate of 2.2 MCFPD via sales through Parchman and a water rate of 37 BPH for a 24 hour total of 846 bbls and 12 bbls of condensate in the last 24 hours. Will RD Parchman today and send entire production thru production facilities.</p> <p>On AM of 6/11/07 rig down and release Parchman flow back equipment. Turn well over to production department. This well still needs to be production logged, post frac logged and tbg ran to be completed. REPORT DISCONTINUED UNTIL FURTHER ACTIVITY.</p> <p>LLTR: 11346 bbls</p> <p>Csg Size: 4-1/2" 13.5# HCP = 13293' Csg Depth: 13340' FC @ 13293'</p> <p>Perfs: Zone #1 Dakota 13142' - 13150' 13096' - 13104' 12964' - 12988' 12976' - 12980' 12788' - 12792' Zone #2 Frontier 12488' - 12489' 12457' - 12458'</p>

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**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
Location: 6- 9-S 24-E 26  
Rig Name:

Spud Date: 4/1/2007  
Rig Release:  
Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/12/2007	06:00 - 16:00	10.00	OTH		12441' - 12442' 12389' - 12390' 12371' - 12372' 12356' - 12357' 12345' - 12346' 12332' - 1233' Zone #3 Frontier 12193' - 12194' 12179' - 12180' 12150' - 12151' 12140' - 12141' 11964' - 12966' 11934' - 11936' Zone #4 - Mancos 11556' - 11558' 11542' - 11543' 11497' - 11498' 11464' - 11465' 11417' - 11418' 11409' - 11410' 11377' - 11378' Zone #5 - Mancos 11194' - 11196' 11154' - 11155' 11142' - 11143' 11132' - 11133' 11045' - 11046' 11034' - 11035' Zone #6 - Mancos 10796' - 10797' 10750' - 10751' 10739' - 10740' 10609' - 10610' 10548' - 10549' 10497' - 10498' 10471' - 10472' 10430' - 10431' Zone #7 - Mancos 10101' - 10102' 10080' - 10081' 9987' - 9988' 9976' - 9977' 9946' - 9947' 9933' - 9934' 9829' - 9830' 9823' - 9824' Zone #8 - Mancos - 'B' 9539' - 9541' 9537' - 9538' 9513' - 9514' 9502' - 9503' 9291' - 9292' 9283' - 9284'

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**Operations Summary Report**

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Well Name: RWS 6D-6-9-24  
 Location: 6- 9-S 24-E 26  
 Rig Name:

Spud Date: 4/1/2007  
 Rig Release:  
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/12/2007	06:00 - 16:00	10.00	OTH		9225' - 9226' Zone #9 - Blackhawk 9001' - 9002' 8910' - 8911' 8847' - 8848' 8800' - 8801' 8764' - 8765' 8703' - 8704' 8652' - 8654' Zone #10 - Wasatch 5206' - 5212' 5179' - 5185' 4824' - 4828'

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME <b>BIG VALLEY UNIT - 81308X</b>																																					
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other _____		8. FARM OR LEASE NAME N/A																																					
2. NAME OF OPERATOR <b>QUESTAR EXPLORATION &amp; PRODUCTION CO.</b>		9. WELL NO. <b>RWS 6D 6 9 24</b>																																					
3. ADDRESS OF OPERATOR <b>1571 East 1700 South - Vernal, UT 84078</b>		10. FIELD AND POOL, OR WILDCAT <b>UNDESIGNATED</b>																																					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>SENW, SEC 6-T9S-R24E, 1792' FNL, 2026' FWL</b> At top rod. interval reported below <b>SENW, SEC 6-T9S-R24E, 1792' FNL, 2026' FWL</b> At total depth <b>SENW, SEC 6-T9S-R24E, 1792' FNL, 2026' FWL</b>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>SEC 6-T9S-R24E</b>																																					
14. PERMIT NO. <b>43-047-37413</b>		12. COUNTY OR PARISH <b>UINTAH</b>																																					
DATE ISSUED		13. STATE <b>UT</b>																																					
15. DATE SPUDDED <b>4/01/2007</b>	16. DATE T.D. REACHED <b>5/06/2007</b>	17. DATE COMPL. (Ready to prod.) <b>6/5/2007</b>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>KB</b>																																				
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD <b>13,340'</b>																																						
21. PLUG BACK T.D., MD & TVD <b>13,213' As of 5/25/07</b>	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY <b>X</b>	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>SEE ATTACHMENT PAGE 1</b>																																				
25. WAS DIRECTIONAL SURVEY MADE <b>NO</b>			26. TYPE ELECTRIC AND OTHER LOGS RUN <b>GR/CBL, ARRAY COMP TRU RES, SP/LOG</b>																																				
27. WAS WELL CORED <b>NO</b>			28. CASING RECORD (Report all strings set in well)																																				
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9-5/8"</td><td>36#</td><td>2198'</td><td>12-1/4"</td><td>575 SXS</td><td></td></tr><tr><td>7"</td><td>26#</td><td>8899'</td><td>8-3/4"</td><td>1,355 SXS</td><td></td></tr><tr><td>4-1/2"</td><td>13.5#</td><td>13340'</td><td>6-1/8"</td><td>960 SXS</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9-5/8"	36#	2198'	12-1/4"	575 SXS		7"	26#	8899'	8-3/4"	1,355 SXS		4-1/2"	13.5#	13340'	6-1/8"	960 SXS													
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29. LINER RECORD																																							
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30. TUBING RECORD																																							
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31. PERFORATION RECORD (Interval, size and number) <b>SEE ATTACHMENT PAGE 1</b>																																							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td><b>SEE ATTACHMENT PG 1</b></td><td><b>SEE ATTACHMENT PAGE 1</b></td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	<b>SEE ATTACHMENT PG 1</b>	<b>SEE ATTACHMENT PAGE 1</b>																																
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33.* PRODUCTION <table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or shut-in)</th></tr></thead><tbody><tr><td><b>6/05/07</b></td><td><b>FLOWING</b></td><td><b>PRODUCING</b></td></tr><tr><td>DATE OF TEST</td><td>HOURS TESTED</td><td>CHOKE SIZE</td></tr><tr><td><b>6/07/07</b></td><td><b>24</b></td><td><b>32/64"</b></td></tr><tr><td>PROD'N FOR TEST PERIOD</td><td>OIL—BBL.</td><td>GAS—MCF.</td></tr><tr><td><b>28</b></td><td><b>1588</b></td><td><b>1565</b></td></tr><tr><td>FLOW. TUBING PRESS.</td><td>CASING PRESSURE</td><td>CALCULATED 24-HOUR RATE</td></tr><tr><td><b>N/A</b></td><td><b>925</b></td><td><b>24</b></td></tr><tr><td colspan="3">34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>SOLD</b></td></tr><tr><td colspan="3">35. LIST OF ATTACHMENTS <b>WELLBORE SCHEMATIC &amp; PERFORATION DETAIL ATTACHMENT PAGE 1</b></td></tr><tr><td colspan="3">36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</td></tr><tr><td colspan="3">SIGNED <b>JIM SIMONTON</b> TITLE <b>COMPLETION SUPERVISOR</b> DATE <b>7/17/07</b></td></tr></tbody></table>				DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)	<b>6/05/07</b>	<b>FLOWING</b>	<b>PRODUCING</b>	DATE OF TEST	HOURS TESTED	CHOKE SIZE	<b>6/07/07</b>	<b>24</b>	<b>32/64"</b>	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	<b>28</b>	<b>1588</b>	<b>1565</b>	FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	<b>N/A</b>	<b>925</b>	<b>24</b>	34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>SOLD</b>			35. LIST OF ATTACHMENTS <b>WELLBORE SCHEMATIC &amp; PERFORATION DETAIL ATTACHMENT PAGE 1</b>			36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			SIGNED <b>JIM SIMONTON</b> TITLE <b>COMPLETION SUPERVISOR</b> DATE <b>7/17/07</b>		
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(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA	SURFACE		
GREEN RIVER	1410'		
MOHOGANY	2240'		
WASATCH	4490'		
MESA VERDE	6010'		
SEGO	8095'		
BUCK TONGUE	8192'		
CASTLEGATE	8260'		
MANCOS SHALE	8731'		
MANCOS 'B'	9553'		
FRONTIER	11865'		
DAKOTA SILT	12703'		
DAKOTA SANDSTONE	12885'		
MORRISON	13285'		

38. GEOLOGIC MARKERS  
RWS 6D 6 9 24

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA	SURFACE	
GREEN RIVER	1410'	
MOHOGANY	2240'	
WASATCH	4490'	
MESA VERDE	6010'	
SEGO	8095'	
BUCK TONGUE	8192'	
CASTLEGATE	8260'	
MANCOS SHALE	8731'	
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DAKOTA SANDSTONE	12885'	
MORRISON	13285'	

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**RWS 6D 6 9 24 – ATTACHMENT PAGE ONE**  
**PERFORATION DETAIL:**

Open Perfs	Stimulation						Perf Status
4824' – 4828'	}	Frac w/	117,700	Lbs in	44,520	Gals	Open - Wasatch
5179' – 5185'							Open - Wasatch
5206' – 5212'							Open - Wasatch
8652' – 8654'	}	Frac w/	101,800	Lbs in	98,364	Gals	Open - Blackhawk
8703' – 8704'							Open - Blackhawk
8764' – 8765'							Open - Blackhawk
8800' – 8801'							Open - Blackhawk
8847' – 8848'							Open - Blackhawk
8910' – 8911'							Open - Blackhawk
9001' – 9002'							Open - Blackhawk
9225' – 9226'	}	Frac w/	35,000	Lbs in	117,726	Gals	Open - Mancos B
9283' – 9284'							Open - Mancos B
9291' – 9292'							Open - Mancos B
9502' – 9503'							Open - Mancos B
9513' – 9514'							Open - Mancos B
9537' – 9538'							Open - Mancos B
9539' – 9541'							Open - Mancos B
9823' – 9824'	}	Frac w/	22,000	Lbs in	103,866	Gals	Open - Mancos
9829' – 9830'							Open - Mancos
9933' – 9934'							Open - Mancos
9946' – 9947'							Open - Mancos
9976' – 9977'							Open - Mancos
9987' – 9988'							Open - Mancos
10080' – 10081'							Open - Mancos
10101' – 10102'							Open - Mancos
10430' – 10431'	}	Frac w/	35,230	Lbs in	48,720	Gals	Open - Mancos
10471' – 10472'							Open - Mancos
10497' – 10498'							Open - Mancos
10548' – 10549'							Open - Mancos
10609' – 10610'							Open - Mancos
10739' – 10740'							Open - Mancos
10750' – 10751'							Open - Mancos
10796' – 10797'							Open - Mancos
11034' – 11035'	}	Frac w/	34,060	Lbs in	128,394	Gals	Open - Mancos
11045' – 11046'							Open - Mancos
11132' – 11133'							Open - Mancos
11142' – 11143'							Open - Mancos
11154' – 11155'							Open - Mancos
11194' – 11196'							Open - Mancos

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11377' - 11378'	}						Open - Mancos
11409' - 11410'							Open - Mancos
11417' - 11418'							Open - Mancos
11464' - 11465'							Open - Mancos
11497' - 11498'		Frac w/	36,200	Lbs in	49,602	Gals	Open - Mancos
11542' - 11543'							Open - Mancos
11556' - 11558'							Open - Mancos
11934' - 11936'	}						Open - Frontier
11964' - 11966'							Open - Frontier
12140' - 12141'							Open - Frontier
12150' - 12151'		Frac w/	34,060	Lbs in	128,394	Gals	Open - Frontier
12179' - 12180'							Open - Frontier
12193' - 12194'							Open - Frontier
12332' - 12333'	}						Open - Frontier
12345' - 12346'							Open - Frontier
12356' - 12357'							Open - Frontier
12371' - 12372'							Open - Frontier
12389' - 12390'		Frac w/	35,000	Lbs in	50,400	Gals	Open - Frontier
12441' - 12442'							Open - Frontier
12457' - 12458'							Open - Frontier
12488' - 12489'							Open - Frontier
12788' - 12792'	}						Open - Dakota
12976' - 12980'							Open - Dakota
12984' - 12988'		Frac w/	66,600	Lbs in	49,140	Gals	Open - Dakota
13096' - 13104'							Open - Dakota
13142' - 13150'							Open - Dakota

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

***SUBMIT IN TRIPLICATE***

1. Type of Well

Oil

Gas

☐

Well

☒

Well

☐

Other

2. Name of Operator

**QUESTAR EXPLORATION & PRODUCTION CO.**

3. Address and Telephone No.

**11002 East 17500 South - Vernal, UT 84078**

**Contact: dahn.caldwell@questar.com**

**435.781.4342 Fax 435.781.4357**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SENW, SEC 6-T9S-R24E, 1792' FNL, 2026' FWL**

5. Lease Designation and Serial No.

**UTU-73456**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA, Agreement Designation

**BIG VALLEY UNIT**

**81308X**

8. Well Name and No.

**RWS 6D 6 9 24**

9. API Well No.

**43-047-37413**

10. Field and Pool, or Exploratory Area

**UNDESIGNATED**

11. County or Parish, State

**UINTAH, UT**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other **SET TBG**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Continued completion on 11/26/07 to run tbg & clean out well.**

- **MIRU Basin Well Service #1.**
- **Clean out well.**
- **Land tbg @ 9797' on 11/30/07. RDMO Basin Well Service.**

**RECEIVED**

**JUL 17 2008**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct.

Signed

**Jim Simonton**

Title

**Completion Supervisor**

Date

**7/9/08**

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-73456

6. If Indian, Allottee or Tribe Name

N/A

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

QUESTAR EXPLORATION & PRODUCTION CO.

CONTACT: Mike Stahl

3a. Address

11002 EAST 17500 SOUTH, VERNAL, UTAH 84078

3b. Phone No. (include area code)

(303) 308-3613

7. If Unit of CA/Agreement, Name and/or No.

BIG VALLEY UNIT

8. Well Name and No.

RWS 6D-6-9-24

9. API Well No.

43-047-37413

10. Field and Pool or Exploratory Area

UNDESIGNATED

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1792' FNL 2026' FWL, SENW, SECTION 6, T9S, R24E

11. Country or Parish, State

UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	COMMINGLING
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drilling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the RWS 6D-6-9-24. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production of the Dakota to the Wasatch intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 10%; Mancos - 50%; Wasatch - 40%.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.

**COPY SENT TO OPERATOR**

Date: 5.18.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Laura Bills

Title Associate Regulatory Affairs Analyst

Signature

*Laura Bills*

Date 04/13/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*[Signature]*

Title

*Pet. Eng.*

Date

*5/13/09*

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

*DOG*

Federal Approval Of This  
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**APR 16 2009**

**DIV. OF OIL, GAS & MINING**

## AFFIDAVIT OF NOTICE

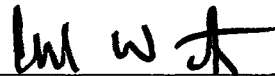
STATE OF COLORADO     )  
                                      ) ss:  
COUNTY OF DENVER     )

Chad W. Matney, being duly sworn, deposes and says:

1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

Independence Plaza  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265

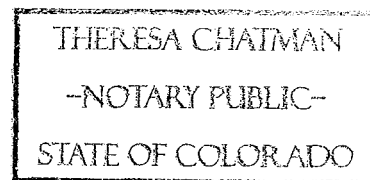
2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the RWS 6D-6-9-24 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 10<sup>th</sup> day of April 2009.



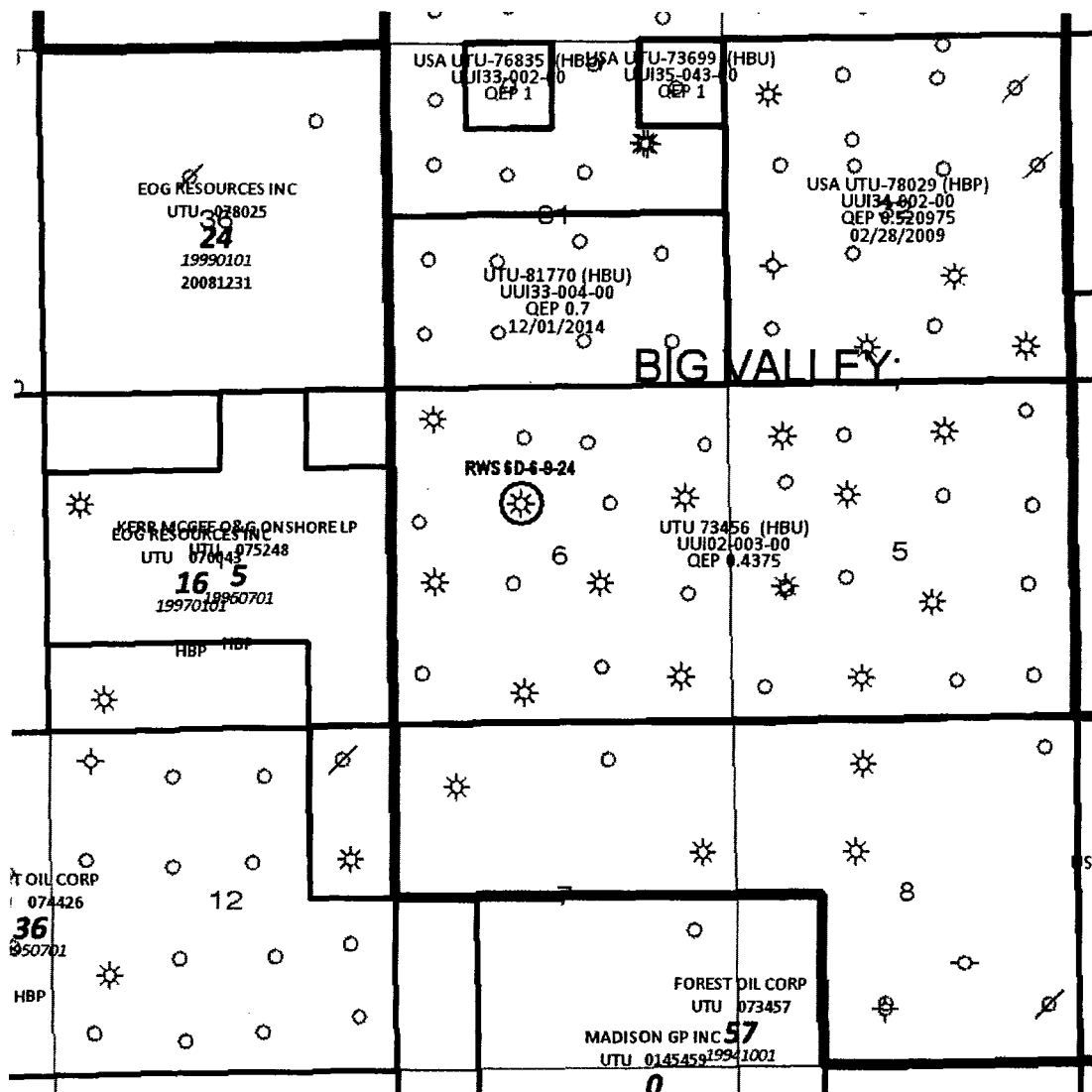
Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 10<sup>th</sup> day of April 2009, by Chad W. Matney.

  
Notary Public



MY COMMISSION EXPIRES: 7/7/11



**T9S-R24E**

○ Commingled well

**Tw/Kmv**  
**COMMINGLED PRODUCTION**  
 Uinta Basin—Uintah County, Utah

**Well: RWS 6D-6-9-24**  
**Lease: UTU 73456**

**QUESTAR**  
 Exploration and  
 Production

1950 17th St., #500 Denver, CO 80202

Geologist:

Landman: Chad Matney

Date: April 7, 2009



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO  
3180  
UT-922

May 25, 2010

Birgit Roesink-Miller  
Questar Exploration & Production Co.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, CO 80265

Re: Initial Consolidated Wasatch-Mesaverde-  
Mancos-Dakota Formation PA  
Big Valley Unit  
Uintah County, Utah

Dear Mrs. Roesink-Miller:

The Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA, Big Valley Unit, CRS No. UTU81308C, is hereby approved effective as of December 1, 2006, pursuant to Section 11 of the Big Valley Unit Agreement, Uintah County, Utah.

The Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA results in an initial consolidated participating area of 3,780.63 acres and is based upon the completion of the following wells as capable of producing unitized substances in paying quantities.

WELL NO.	API NO.	LOCATION	LEASE NO.
RWS 16ML-6-9-24	43-047-37335	SE¼SE¼, 06-9S-24E	UTU73456
RWS 2ML-5-9-24	43-047-37306	NW¼NE¼, 05-9S-24E	UTU73456
RWS 12ML-6-9-24	43-047-37312	NW¼SW¼, 06-9S-24E	UTU73456
RWS 4ML-5-9-24	43-047-37351	NW¼NW¼, 05-9S-24E	UTU73456
RWS 4ML-6-9-24	43-047-37412	NW¼NW¼, 06-9S-24E	UTU73456
RWS 8D-6-9-24	43-047-37352	SE¼NE¼, 06-9S-24E	UTU73456
RWS 6D-5-9-24	43-047-37350	SE¼NW¼, 05-9S-24E	UTU73456
→ RWS 6D-6-9-24	43-047-37413	SE¼NW¼, 06-9S-24E	UTU73456
NBZ 8D-31-8-24	43-047-37238	SE¼NE¼, 31-8S-24E	UTU77301
CWD 10D-32-8-24	43-047-37347	NW¼SE¼, 32-8S-24E	UTU78029
CWD 14D-32-8-24	43-047-37277	SE¼SW¼, 32-8S-24E	UTU78029

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JUN 07 2010

The following wells not capable of producing unitized substances in paying quantities will be included in the Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA pursuant to Section 11 of the unit agreement as necessary for unit operations.

WELL NO.	API NO.	LOCATION	LEASE NO.
RWS 10ML-5-9-24	43-047-37308	NW¼SE¼, 05-9S-24E	UTU73456
RWS 14D-5-9-24	43-047-37310	SE¼SW¼, 05-9S-24E	UTU73456
RWS 14D-6-9-24	43-047-37414	SE¼SW¼, 06-9S-24E	UTU73456
NBZ 8ML-30-8-24	43-047-37231	SE¼NE¼, 30-8S-24E	UTU77301
NBZ 13ML-29-8-24	43-047-37237	SW¼SW¼, 29-8S-24E	UTU77301
CWD 16D-32-8-24	43-047-37278	SE¼SE¼, 32-8S-24E	UTU78029

Copies of the approved request are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Consolidated Wasatch-Mesaverde-Mancos-Dakota Formation PA, Big Valley Unit, and the effective date.

No action will be taken at this time to your request for the contraction of the Big Valley Unit as it will automatically contract June 16, 2010.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert  
Chief, Branch of Minerals

Enclosure

bcc: UDOGM  
SITLA  
MMS - MRM w/enclosure (Attn: Leona Reilly)  
FOM - Vernal w/enclosure  
Unit file - Big Valley w/enclosure  
Fluids - Mickey  
Fluids - Judy  
Agr. Sec. Chron.  
Reading File  
Central Files

LWilcken:lw:(05/25/10)

**RECEIVED**  
JUN 07 2010  
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING

CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: (New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
--	--

**CA No.**

**Unit:**

**BIG VALLEY**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- 5a. (R649-9-2) Waste Management Plan has been received on: Requested
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1 TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2 NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 City: Denver STATE: CO ZIP: 80265 PHONE NUMBER: (303) 672-6900		7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		8. WELL NAME and NUMBER: See attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: Attached
		10. FIELD AND POOL, OR WILDCAT: See attached

COUNTY: Attached

STATE: UTAH

**11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~

BIA Bond Number: ~~799446~~ *965010693*

*N3700*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/30/2009*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
BIG VALLEY  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RWS 3ML-9-9-24	09	090S	240E	4304735483	15190	Federal	GW	S	
RWS 10ML-6-9-24	06	090S	240E	4304735653	17644	Federal	GW	P	
CWD 4ML-32-8-24	32	080S	240E	4304735684	17644	Federal	GW	S	
NBZ 4D-30-8-24	30	080S	240E	4304737229	16630	Federal	GW	OPS	C
NBZ 6ML-30-8-24	30	080S	240E	4304737230	16810	Federal	GW	OPS	C
NBZ 8ML-30-8-24	30	080S	240E	4304737231	17644	Federal	GW	P	
NBZ 10ML-30-8-24	30	080S	240E	4304737232	16695	Federal	GW	OPS	C
NBZ 12D-30-8-24	30	080S	240E	4304737233	16631	Federal	GW	OPS	C
NBZ 14ML-30-8-24	30	080S	240E	4304737234	16696	Federal	GW	OPS	C
NBZ 6D-31-8-24	31	080S	240E	4304737235	16611	Federal	GW	OPS	C
NBZ 4D-31-8-24	31	080S	240E	4304737236	16576	Federal	GW	OPS	C
NBZ 13ML-29-8-24	29	080S	240E	4304737237	17644	Federal	GW	P	
NBZ 8D-31-8-24	31	080S	240E	4304737238	17644	Federal	GW	P	
NBZ 2ML-31-8-24	31	080S	240E	4304737239	17098	Federal	GW	OPS	C
NBZ 11D-29-8-24	29	080S	240E	4304737240	16612	Federal	GW	OPS	C
NBZ 5D-29-8-24	29	080S	240E	4304737241	16632	Federal	GW	OPS	C
NBZ 9D-29-8-24	29	080S	240E	4304737244	15677	Federal	GW	OPS	C
NBZ 15ML-29-8-24	29	080S	240E	4304737246	16697	Federal	GW	OPS	C
CWD 3D-32-8-24	32	080S	240E	4304737274	16923	Federal	GW	OPS	C
CWD 14ML-32-8-24	32	080S	240E	4304737277	17644	Federal	GW	P	
CWD 16D-32-8-24	32	080S	240E	4304737278	17644	Federal	GW	P	
RWS 2ML-5-9-24	05	090S	240E	4304737306	17644	Federal	GW	P	
RWS 8D-5-9-24	05	090S	240E	4304737307	16614	Federal	GW	OPS	C
RWS 10ML-5-9-24	05	090S	240E	4304737308	17644	Federal	GW	S	
RWS 12ML-5-9-24	05	090S	240E	4304737309	17644	Federal	GW	P	
RWS 14D-5-9-24	05	090S	240E	4304737310	17644	Federal	GW	P	
RWS 16ML-5-9-24	05	090S	240E	4304737311	16698	Federal	GW	OPS	C
RWS 12ML-6-9-24	06	090S	240E	4304737312	17644	Federal	GW	P	
RWS 16ML-6-9-24	06	090S	240E	4304737335	17644	Federal	GW	P	
CWD 10D-32-8-24	32	080S	240E	4304737347	17644	Federal	GW	P	
RWS 6D-5-9-24	05	090S	240E	4304737350	17644	Federal	GW	P	
RWS 4ML-5-9-24	05	090S	240E	4304737351	17644	Federal	GW	P	
RWS 8D-6-9-24	06	090S	240E	4304737352	17644	Federal	GW	P	
RWS 2D-6-9-24	06	090S	240E	4304737411	17272	Federal	GW	OPS	C
RWS 4ML-6-9-24	06	090S	240E	4304737412	17644	Federal	GW	S	
RWS 6D-6-9-24	06	090S	240E	4304737413	17644	Federal	GW	P	
RWS 14D-6-9-24	06	090S	240E	4304737414	17644	Federal	GW	P	
RWS 5ML-9-9-24	09	090S	240E	4304738645	17273	Federal	GW	OPS	C
RWS 12ML-9-9-24	09	090S	240E	4304738646	17274	Federal	GW	OPS	C
NBZ 16D-31-8-24	31	080S	240E	4304739435		Federal	GW	APD	C
NBZ 10D-31-8-24	31	080S	240E	4304739456		Federal	GW	APD	C
NBZ 12D-31-8-24	31	080S	240E	4304739457		Federal	GW	APD	C
NBZ 14D-31-8-24	31	080S	240E	4304739458		Federal	GW	APD	C
CWD 13D-32-8-24	32	080S	240E	4304739464		Federal	GW	APD	C
RWS 7D-6-9-24	06	090S	240E	4304739494		Federal	GW	APD	C
RWS 13D-6-9-24	06	090S	240E	4304739495		Federal	GW	APD	C
RWS 11D-6-9-24	06	090S	240E	4304739496		Federal	GW	APD	C
RWS 9D-6-9-24	06	090S	240E	4304739497		Federal	GW	APD	C
RWS 3D-6-9-24	06	090S	240E	4304739498		Federal	GW	APD	C
RWS 15D-6-9-24	06	090S	240E	4304739500		Federal	GW	APD	C

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
BIG VALLEY  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RWS 5D-6-9-24	06	090S	240E	4304739501		Federal	GW	APD	C
RWS 7D-5-9-24	05	090S	240E	4304739502		Federal	GW	APD	C
RWS 11D-5-9-24	05	090S	240E	4304739503		Federal	GW	APD	C
RWS 9D-5-9-24	05	090S	240E	4304739504		Federal	GW	APD	C
RWS 13D-5-9-24	05	090S	240E	4304739505		Federal	GW	APD	C
RWS 15D-5-9-24	05	090S	240E	4304739506		Federal	GW	APD	C
RWS 3D-5-9-24	05	090S	240E	4304739507		Federal	GW	APD	C
RWS 1D-5-9-24	05	090S	240E	4304739508		Federal	GW	APD	C
NBZ 5D-31-8-24	31	080S	240E	4304739511		Federal	GW	APD	C
CWD 11D-32-8-24	32	080S	240E	4304739535		Federal	GW	APD	C
CWD 15D-32-8-24	32	080S	240E	4304739536		Federal	GW	APD	C
RWS 5D-5-9-24	05	090S	240E	4304739673		Federal	GW	APD	C
RWS 1D-6-9-24	06	090S	240E	4304739674		Federal	GW	APD	C
NBZ 3D-31-8-24	31	080S	240E	4304739675		Federal	GW	APD	C
NBZ 16D-30-8-24	30	080S	240E	4304740355		Federal	GW	APD	C
NBZ 15D-30-8-24	30	080S	240E	4304740356		Federal	GW	APD	C
CWD 6D-32-8-24	32	080S	240E	4304740357		Federal	GW	APD	C
CWD 2D-32-8-24	32	080S	240E	4304740358		Federal	GW	APD	C
CWD 5D-32-8-24	32	080S	240E	4304740359		Federal	GW	APD	C
NBZ 10D-29-8-24	29	080S	240E	4304740360		Federal	GW	APD	C
NBZ 8D-29-8-24	29	080S	240E	4304740361		Federal	GW	APD	C
NBZ 14D-29-8-24	29	080S	240E	4304740362		Federal	GW	APD	C
NBZ 16D-29-8-24	29	080S	240E	4304740363		Federal	GW	APD	C
NBZ 12D-29-8-24	29	080S	240E	4304740364		Federal	GW	APD	C
NBZ 13D-30-8-24	30	080S	240E	4304740365		Federal	GW	APD	C
RWS 4D-9-9-24	09	090S	240E	4304740470		Federal	GW	APD	C
NBZ 9D-30-8-24	30	080S	240E	4304740471		Federal	GW	APD	C
NBZ 11D-30-8-24	30	080S	240E	4304740472		Federal	GW	APD	C
NBZ 7D-30-8-24	30	080S	240E	4304740473		Federal	GW	APD	C
NBZ 2D-29-8-24	29	080S	240E	4304740476		Federal	GW	APD	C
CWD 7D-32-8-24	32	080S	240E	4304740477		Federal	GW	APD	C
CWD 9D-32-8-24	32	080S	240E	4304740478		Federal	GW	APD	C
RWS 6D-9-9-24	09	090S	240E	4304740479		Federal	GW	APD	C
RWS 13D-9-9-24	09	090S	240E	4304740480		Federal	GW	APD	C
NBZ 6D-29-8-24	29	080S	240E	4304740483		Federal	GW	APD	C
NBZ 1D-30-8-24	30	080S	240E	4304740484		Federal	GW	APD	C
NBZ 2D-30-8-24	30	080S	240E	4304740485		Federal	GW	APD	C
NBZ 3D-30-8-24	30	080S	240E	4304740486		Federal	GW	APD	C



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3100

(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roger L. Bankert*

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

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AUG 16 2010

DIV. OF OIL, GAS & MINERALS